Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 137
Number 13

MARCH 25, 1940

The Spirit of the Nation

ROSSVILLE ALCOHOLS

PURE—TAX-PAID AND TAX-FREE
SPECIALLY DENATURED COMPLETELY DENATURED
SHELLACOL, THE HANDY SOLVENT

All Rossville Alcohols and Shellacol Available in Anhydrous Form

COMMERCIAL SOLVENTS CORPORATION
17 EAST 42nd STREET, NEW YORK, N. Y.
PROMPT SERVICE FROM BRANCH OFFICES AND WAREHOUSES

Established 1880

WM. S. GRAY & CO.

342 MADISON AVENUE
NEW YORK

Cable Address: Graylime
Phone: MUrray Hill 2-3101

Manufacturers' Agents

Acetic Acid

ALL GRADES

TANK CARS BARRELS

INQUIRIES SOLICITED

Baker's ANALYZED REAGENTS FINE CHEMICALS

Baker's BROMIDES

Baker's triple Bromides—Ammonium, Potassium, Sodium —are clear, white and free-running. No solution cloudiness.

Write for test samples and prices.

J. T. BAKER CHEMICAL CO.
Phillipsburg, New Jersey
NEW YORK PHILADELPHIA CHICAGO

HIGH-PRESSURE CHEMICALS SYNTHETIC

PURE · SYNTHETIC

Propionic ACID

...now available in tank-car quantities

◆ ◆ ◆

E. I. DU PONT DE NEMOURS & Co.
INCORPORATED
Ammonia Department
WILMINGTON, DELAWARE

"STANDARD" BICHROMATES

Bichromate of Soda
Bichromate of Potash
Chromate of Soda
Chromate of Potash
Ammonium Bichromate

PRIOR CHEMICAL CORPORATION · NEW YORK
420 LEXINGTON AVENUE

Selling Agents for

STANDARD CHROMATE DIVISION
Diamond Alkali Company, Painesville, O.

20 MULE TEAM

Guaranteed 99½% to 100% Pure

BORAX

BORIC ACID

Refined and U. S. P.

» Crystal » Granulated » Powdered » Impalpable »
» Calcined » Anhydrous »
Borax Glass Manganese Borate Ammonium Borate

Samples on request

PACIFIC COAST BORAX COMPANY
Dept. Q
51 Madison Avenue, New York
CHICAGO ILLINOIS

RECEIVED
MAR 26 1940
LIBRARY

Question: Why does the Dutch Boy use EASY chairs to symbolize his five white-leads?

Answer: That's simple. With five white-leads (count 'em) to choose from, it's very EASY for the paint manufacturer to find one that fits his paint composition. He's sitting pretty with a "lead" that has exactly the paint-making characteristics he requires.

Here's the wide choice that the Dutch Boy offers: First, those two old standbys, Dutch and Carter. Next comes H.T.S. with its increased paint-thickening power, tinting strength and hiding power. Then there are the new 333 and 111 White-Leads, both of which rate even higher in these qualities. No. 111, for example has greater paint-thickening power, tinting strength and hiding power than any other white-lead on the market.

Remember that no matter which one of the five you choose, you can be sure of uniformity. Remember also, that the more white-lead you use the better the paint. Step up the white-lead in your formula—and you automatically step up the quality and durability of your paint.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak St., Buffalo; 900 West 18th St., Chicago; 659 Freeman Ave., Cincinnati; 1213 West Third St., Cleveland; 722 Chestnut St., St. Louis; 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 1376 River Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Phila.

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Member: Audit Bureau of Circulations

Volume 137 **March 25, 1940** **Number 13**

RECEIVED MAR 26 1940 LIBRARY THE O.P.D.R. & H. JOUR.

Sulphur 'Trust' Case Dropped by U.S.

OPD Washington Bureau
March 20, 1940

In view of certain commitments made by the two principal domestic producers of sulphur, the Department of Justice has decided that the public interest requires no prosecution by the antitrust division in the sulphur industry at this time.

The department began an investigation of the sulphur industry as a part of its general inquiry into fertilizers and their constituent ingredients. This inquiry, made with the full cooperation of the two leading domestic sulphur companies, indicated that there had been a gradual reduction in the price of sulphur in recent years. It revealed also a close relationship between domestic and Italian producers through a division of the foreign market for sulphur under an agreement made pursuant to authority of the Webb-Pomerene export trade act. Certain provisions of this agreement were questioned by the department. The Sulphur Export Corporation, owned by the two principal domestic producers, and a party to the agreement, informed the department that the controlling provisions of the international agreement were, in fact, inoperative because of war conditions. The corporation agreed to inform the department of any renewal of provisions presently inoperative or of the adoption of any new agreements similar in character.

The department has received letters from both of the large domestic producers of sulphur, the Freeport Sulphur Company and the Texas Gulf Sulphur Company, stating their respective positions on future prices. The former company stated that no increase in the base price of sulphur is contemplated in the foreseeable future; that if the situation changed so as to make necessary price increases, notice of such intention would be transmitted to the department. The latter company stated that it had no present intention of increasing prices for the purpose of realizing a greater return.

Medical Care Sought Under Social Security

OPD Washington Bureau
March 20, 1940

A bill (S. 3630) to provide free distribution to needy persons of certain standardized drugs for treating common diseases was introduced in the senate today by Senator Henry Cabot Lodge, jr., of Massachusetts.

The bill would authorize an unspecified amount of appropriations to be matched by States for administering State plans approved by the Social Security Board under which hospitals could obtain medicines and therapeutic devices for the free use of needy patients. The bill mentions x-ray machines and artificial respirators, but does **not** list the drugs to be included, although Senator Lodge in an explanatory statement said that the bill would cover such drugs as sulfapyridin, insulin, liver extract, mercupurin, endocrine products, vitamin preparations, and typhoid vaccine. He declared that other drugs should be added to the list, and that this is merely suggestive of what should be included.

The bill also would provide a system of health insurance to the extent of $40 a year for unemployed persons obtaining benefits under the social security system, the insurance to be paid for out of present payments.

The bill was referred to the committee on education and labor now holding hearings on the administration's bill for a $10,000,000 program of constructing small hospitals in rural areas.

Parsons 'Loss Leader' Legislation Is Killed

Albany, Mar. 18, 1940

The Assembly judiciary committee has killed the "loss leader" bill, submitted by George B. Parsons, Syracuse. The bill sought to prevent unfair and deceptive merchandising practices in wholesale and retail trades by prohibiting the advertising or sale of merchandise at less than cost with intent of unfairly diverting trade from or injuring competitors.

F.D.A. Transferal Again Rumored

OPD Washington Bureau
March 20, 1940

Information that President Roosevelt is currently working on orders calling for reorganization of some government departments has revived the report that he contemplates transfering the Food and Drug Administration from the Department of Agriculture to the Federal Security Administration, either to be merged with the United States Public Health Service which is now under that agency or to become a separate FSA bureau.

This report has aroused the opposition of a number of groups of processors of agricultural products, including the National Council of Farm Cooperatives. These interests feel that, if the Food and Drug Administration if removed from the Department of Agriculture, its regulations and decisions may be less favorable to farmers and processors of agricultural

—Continued on page 29

Flavor-Color Certification Rule Modified by F.D.A.

OPD Washington Bureau
March 20, 1940

A recent decision of the Food and Drug Administration that food flavors containing sufficient coaltar color distinctively to color the food to which they are added must be certified as a coaltar mixture has been modified somewhat as result of further correspondence from the trade.

A new informal ruling has been issued to manufacturers who have inquired on the subject to the effect that products which in themselves are fabricated foods or which become foods by a simple process, such as the addition of water, are not considered to be coaltar colors requiring certification. The food, drug, and cosmetic act requires the Department of Agriculture to certify harmless coaltar colors and batches of such colors with or without harmless diluents, and this is construed to mean that a mixture of certified colors or diluted certified colors, or coloring preparations in liquid, paste, or powder form containing coaltar colors must be recertified.

Recently a manufacturer wrote the Food and Drug Administration expressing the opinion that there is no justification for the necessity of having small batches of food coloring compounds recertified when certification is not necessary in the case of flavoring compounds containing the same coaltar colors. The administration replied that the certification section of the law is mandatory but there is no comparable requirement as to flavoring compounds when certified color is present simply to color the flavoring mixture. If, however, the color is present in sufficient concentration so that the product is intended to color as well as flavor the food to which the mixture is added, the administration declared, the mixture would then be a diluted color and would need to be certified.

Following the dissemination of this information, a correspondent requested comment concerning the application of the coaltar color regulations to mixtures of flavorings with certified colors in sufficient quantity to color food to which they are added, and the administration replied as follows:—

We did not mean to convey the impression that all mixtures, such as soft drink powders and gelatin desserts, would need to be certified in final form to meet the requirements of the food,

—Continued on page 52

Vanillin Flavorings Rulings Made

OPD Washington Bureau
March 20, 1940

Flavors containing vanillin or ethylvanillin, which are not imitations, should be labeled to show that they contain vanillin or ethylvanillin, as the case may be, and to show that the vanillin or ethylvanillin is artificial, the Food and Drug Administration has declared in answer to an inquiry.

In the case of imitation vanilla flavor containing vanillin or ethylvanillin, the administration said that it would suffice to declare the presence of vanillin or ethylvanillin without indicating that it is of artificial origin, since the label "imitation vanilla flavor" sufficiently indicates artificiality.

A manufacturer adding vanillin to chocolate flavor objected to the requirement that the label disclose the presence of artificial vanillin since it was added not to simulate vanilla but to remove the flatness of the chocolate flavoring. The administration replied that, since the vanillin is added to alter the flavor of the chocolate and since vanillin is an artificial flavoring, the law requires that the label disclose that the chocolate contains artificial flavor.

The Young Man In Industry

By Willard H. Dow

President, Dow Chemical Company (*Reprinted from Dow Diamond*)

A young man's first job is usually the job he can get, regardless of the exact training he may have had in his educational career. In many cases it is in an entirely different field, or it may not be the preferred type of work, although it is in his chosen field. For example, a graduate chemical engineer who selected electives and extra work, hoping to secure employment as a technical salesman in a chemical industry, may secure employment as a routine control chemist.

There are many similar examples, each one presenting a problem to both the young man and the industry employing him. While industry is doing a better job than ever before in the proper selection and placement of new employees, still there always will be similar problems.

A young man finding himself in such a position should be aware of the usual sequence of moves by which men advance to other positions. Belief in one or two fundamental principles will permit him to build a philosophy, the practice of which in itself will become a helpful factor as he attempts to gain his desired rung upon the industrial ladder.

It is usually fatal to permit himself to think or say to his friends, "I am just temporarily working at this job. I really am not suited to this task. I expect to move to the 'So and So' department in a short time."

When the head of a division wants a new man, he probably will ask for a fellow who is a go-getter, one who has done an exceptionally good job somewhere in the plant. Exact training and the fact that a man has always wanted to get into some particular division usually are minor considerations. The position most often goes to a young man who tackled his first job, regardless of what it was, with a determination to make himself indispensable to his superior.

A man can do a great deal in training himself to like the task at hand, no matter how distasteful or disagreeable it may seem at first. One thing

Willard H. Dow

—Continued on page 25

F.D.A. Appropriation Increased by Senate

OPD Washington Bureau
March 20, 1940

The senate today approved amendments to the Department of Agriculture appropriation bill adding $45,094 to the appropriation for the Food and Drug Administration for the 1941 fiscal year. The senate restored an appropriation of $30,094 for enforcement of the tea importation act which was cut out of the budget estimates by the house appropriations committee without explanation and apparently due to a misunderstanding. This amount is the same as appropriated for tea inspection during the current year. The senate also added $15,000 to the amount carried for the Food and Drug Administration in the house bill to be used for work on vitamin preparations.

Appearing before the senate appropriations committee, Walter G. Campbell, chief of the administration, declared that the tremendous growth in the volume of vitamin preparations now on the market both for human and animal consumption, necessitates increased funds for inspection and testing. He asked for an additional $28,000 for this purpose, but the committee recommended $15,000 and this was accepted by the senate

Closing Markets

Alumina Sulphate Higher

Effective April 1 prices for iron-free alumina sulphate will be 15c. per 100 pounds higher, making bags, carlots, $1.60 per 100 pounds and less carlots $1.85 per 100 pounds. Barrel prices are 20c. higher, respectively.

Commodity Markets Closed

The New York Produce Exchange, Chicago Board of Trade, Savannah and Jacksonville naval stores markets and the Northwestern flaxseed markets remained closed on Good Friday. All foreign commodity markets were closed, and, in the absence of cables from abroad, domestic business in metal derivatives and various other commodities was practically at a standstill. Some houses here remained closed for the day.

Blood Strengthens in N. Y.

In keeping with the general upward trend in the market for raw fertilizer materials, dried blood gained a bit of strength in the New York trading area late last week, following a reduction earlier in the period. One seller was reported quoting the ammoniate at $3 per unit, compared with an earlier price of $2.90. Tankage prices were also ruling firmer toward the end of the week.

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Naval Stores:—France has placed domestic sales of turpentine and rosin under the control of the Societe Francaise de Distribution de Produits Resineux. Sales quotas are alloted every fifteen days.

Nitrogen:—The Reich Board for Chemistry has relaxed the German restrictions on the purchase and sale of nitrogenous fertilizers by the trade.

Paraffin:—Greece has resumed the issuance of import permits for American paraffin wax.

Phthalic Anhydride:—The United Kingdom has exempted phthalic anhydride from the key industry duty until June 30, 1940. A ten percent ad valorem rate will apply during the period.

Sunflower Seeds:—The Bulgarian export restrictions applying to sunflower seed has been removed.

Tanning Materials:—Greece has authorized importers to receive permits to import tanning extracts other than pine bark, valonia and gall nuts, in amounts not to exceed one-eighth of their actual imports of such products during 1938. These permits are to be granted on weight instead of a value basis.

Tin Ore:—A recent Argentine decree prohibits the export of simple tin ores.

Liquid Oxygen Test As Explosive Planned

OPD Washington Bureau
March 20, 1940

A test of the military value of an explosive formed of liquid oxygen and carbon will be made by army and navy officials in conjunction with members of the house and senate committees on naval affairs and military affairs.

The decision to conduct experiments grew out of a closed hearing before these committees, at which Lester P. Barlow, a Baltimore inventor, charged that army and navy officials have failed to give proper consideration to his claims. The hearing was brought about through the introduction of resolutions calling for the creation of a special congressional committee to investigate the explosive.

It is understood that Mr. Barlow claimed that his explosive permits the manufacture of aerial bombs of much greater destructive force than any now known. The committee was told by Don McCloud, manufacturer of liquid oxygen explosives, Carbondale, Ill., that the Barlow bomb was no more powerful than TNT, and that the War Department is now investigating the military possibilities of a liquid oxygen bomb of his design.

Chemical Price Structure Weaker

Price trends were largely downward in the markets for heavy and fine chemicals last week, but the influence was not heavy, pig lead and the tin group being the only major items. Common salt and gum naval stores were on the other side.

There was a forecast of the holidays in the general activity, but no basic slackening was apparent. "Miscellaneous" weather had a deferring effect on seasonal movements.

Prices were advanced on vacuum common salt, dark gum rosins, gum turpentine, and ground and leaf sumacs. The price of ironfree sulphate of alumina will be advanced April 1.

Prices were reduced on lead, Straits tin, stannous chloride, tin crystals, tetrachloride of tin, calcined magnesite, domestic and Argentine casein, copals, dammars, TN and superfine shellacs, mangrove bark, wattle bark, J1 myrobalans, domestic and imported dried blood, and cottonseed meal in the Southeast. The surcharge on cinchona alkaloids and quinine-urea hydrochloride was reduced.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 128.5 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 90.1, compared with 88.8 at this time last year and 89.4 in 1938.

Contents of This Issue

News and Statistics

Ayrton Chemical Co. Formed..... 44
"Astone" Not Registrable..... 42
Atlantic Refining to Drill in Cuba.. 48
Asphalt Institute Re-elects..... 48

Barnard Medal Won by Joliots..... 5

Chemical Exporters to Hear Landis. 5
Culpeper Foundation Formed..... 41
Canadian Industries Reassigns Two. 34
Crude Oil Daily Output Up..... 48
Copra Cargo Ruled Not Legally Marked 49
Commerce Chamber to Meet..... 5

Drugs Sales Up in January..... 25
Dralle Heads Westinghouse Chemical Division..... 42
Dow Honors Veterans..... 42
DuPont Offers New Colors..... 29
Dicalite Co. Shifts Personnel..... 52

F.D.A. Fund Increased by Senate... 3
F.D.A. Transferal Rumored..... 3
Flavor - Color Certification Rule Modified 3
Fats and Oils Use: 1939..... 37

Inventors Day Set by President..... 34

Jones Weds..... 41

Liquid Oxygen Test as Explosive Planned 4
Lawson Forms Own Firm..... 5
Lilly Prize Won by Ball..... 5

Mines Bureau Sets Up Fellowships.. 5
Margarin Taxes Called Trade Barrier 5
Medical Care Sought Under Social Security 3
McCormick & Co. Sales Up..... 44
Mingst Joins Pfaltz & Bauer..... 27
Minerals Imports Ban Bill Reported 27
McK. & R. Stock Listing to Be Resumed 4
McKinney Made Scott & Bowne President 42

Nylon Bristles Availability Broadened 41
N.Y. Pharmacy College Elects..... 42

Oil Trades Ass'n Elects..... 4

Petroleum Imports Put on Condition 42
Price-Fixing Ban Laid on Crates... 5
Parsons 'Loss Leader' Law Killed... 3
Patman Chain Store Tax Bill Hearing Set 5

Queeny Says Laws Bar Economic Restoration 5

Sulphur 'Trust' Case Dropped..... 3
Shipment Anchorage Described..... 51
Sod Oil Duty Fixed..... 51
Sal Ammoniac Freights Reduced.... 26
Soda Silicate Freights Cut..... 49
Soya Products Co. Plant Liquidation 52

Textile Foundation Plans Training Course 27
Textile Chemists to Meet..... 27
Tung Oil Ass'n to Meet..... 4

Vanillin Flavors Rules Made..... 3

Wage-Hour Hearing for Wholesalers Set 5
White Tar Plant Damaged by Fire.. 29

Young Man in Industry (Dow)..... 3

General Features

Advertisers' Index..... 53
Bids Wanted..... 49
Chemical Price Trends..... 4
Classified Advertisements..... 52
Closing Market Developments.... 4
Contracts Awarded..... —
Corporation Earnings..... —
Dividends Declared..... —
Editorials 22
Foreign Trade Openings..... 51
Foreign Trade Rules..... 4
Industrial Uses of Chemicals..... 46
Obituaries 30
Petroleum Market Status..... 47
Petroleum Production..... 47
Prices Current..... 7
Scientific, Professional Services.. 48
Trade News Briefs.....26, 34
What You Can Use..... 44
Where You Can Sell..... 46

Market Reports

Botanical Drugs, Spices, Gums... 43
Coaltar Chemicals..... 28
Drugs and Fine Chemicals..... 39
Dyestuffs, Textile and Leather Chemicals 27
Essential Oils and Aromatics.... 45
Fertilizer Materials..... 49
Heavy Chemicals..... 24
Oils, Fats and Waxes..... 35
Paint, Varnish and Lacquer Materials 31
Petroleum Solvents, Lubricants, and Fuels..... 47

Shipping Information

Cargo Ship Arrivals..... —
Charters ..... —
Coastwise Shipments..... —
Exports 51
Imports 50
Imports Detained..... 51

Oil, Paint and Drug Reporter, Volume 137, No. 13, March 25, 1940. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 59 John Street, New York, U. S. A. Annual subscription prices:—United States and possessions, Cuba, Mexico, Central America, and South America, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Oil Trades Ass'n Elects W.H. Correa President

William H. Correa, of the Socony-Vacuum Oil Company, this city, was elected president of the Oil Trades Association of New York at the annual meeting in the Waldorf-Astoria, this city, March 19.

William H. Correa

Other officers and directors elected were:—

Vice-president, W. M. Osborn; secretay, Joseph C. Smith; treasurer, Rudolph G. Sonneborn; directors, Charles V. Bacon, John W. Baker, J. H. Blakney, E. L. Cleaves, William H. Correa, Dart E. Hoffman, W. M. Osborn, John F. Renick, H. Mart Smith, Joseph C. Smith, Rudolph G. Sonneborn, Albert J. Squier and Edward A. Theurkauf.

Tung Oil Ass'n to Meet In Florida April 3-4

The American Tung Oil Association will hold its sixth annual meeting in Tallahassee, Fla., April 3-4. Headquarters for the convention will be in the Floridan hotel and the business sessions will be held in the Elks Club. At the opening session, J. B. Wight as president of the association will deliver an address. A feature of the meeting will be a "Growers Open Forum," led by J. W. Pope, of Richton, Miss. Phil Taylor, of the State Department of Agriculture, will be the speaker at the annual banquet Wednesday evening. Other addresses will be made by the following:—

"The Processing of Tung Oil," Dr. Henry G. Knight, chief, Bureau of Chemistry Engineering, U. S. Dept. of Agriculture, Washington.

"Soil Conservation Credits and Tung Tree Planting," J. C. Adderley, Pensacola, Florida.

"Problems of Tung Oil Production," Dr. George F. Potter, Bogalusa, La. Felix Lagasse, Gainesville, Fla., and John H. Painter, Cairo, Ga., all of Bureau of Plant Industry, United States Department of Agriculture assigned to Tung Oil Investigation.

"Improvement of Tung Trees," Dr. Ernest Angelo, U. S. Tung Laboratory, Bogalusa, La.

"Deficiency Problems of Tung Oil," R. H. Dickey, Florida Agricultural Experiment Station.

"Fertilizer Experiments with Tung Oil in Louisiana," Dr. W. D. Kimbrough, Louisiana Experiment Station.

"Protecting Tung Trees Against Frost Damage," W. A. Finlay, jr., Pensacola.

"The Disease Situation in Tung," Lee Hines, U. S. Tung Laboratory.

"Cover Crops," G. H. Blackmon, Florida Agricultural Experiment Station.

"Correlation of Fruit Characteristics to Total Yields of Oil of Individual Tung Trees," Dr. Felix S. Lagasse and E. C. Fisher, U. S. Tung Laboratory.

McK&R. Listing by N.Y. Exchange Is Expected

Acting under an order signed by Judge Alfred Coxe, March 19, of the United States District Court for the Southern District of New York, William J. Wardall, trustee for McKesson & Robbins has filed with the Securities and Exchange Commission and the New York Stock Exchange the documents required by the exchange act to permit resumption of trading in McK. & R. securities. Unless present plans are changed, it is expected that trading could be resumed March 26. The debentures, preferred, and com-

—*Continued on page* 42

Margarin Taxes Called Trade Barrier

OPD Washington Bureau
March 20, 1940

State laws restricting the sale of oleomargarin were cited as an outstanding example of internal tariffs designed to protect special economic interests at hearings on interstate trade barriers before the Temporary National Economic Committee this week.

Principal witnesses on this subject were John Moloney, economist for the National Cottonseed Products Association, and C. H. Janssen, president of the National Association of Margarin Manufacturers. They introduced data showing the types of State laws which restrict the sale of margarin, and declared that the real purpose of these laws is not to produce revenue nor to protect the public health, but to discriminate between competitive products. They suggested cooperative efforts among the States and repeal of some of the restrictive Federal margarin legislation as possible remedies for the present situation.

In the course of the hearing a large number of examples of trade barriers were cited, many of which were discussed in detail by witnesses representing industry, but several speakers expressed the view that cooperation among the States has led to a reversal of the trend and that the number of new restrictive laws is decreasing and

—Continued on page 37

Eli Lilly Co. Award Won by Dr. E.G. Ball

The $1,000 Eli Lilly & Company prize in biological chemistry for 1940 has been awarded by the American Chemical Society to Dr. Eric Glendinning Ball, an associate at the Johns Hopkins School of Medicine, for chemical studies of certain biological substances.

Dean Samuel Colville Lind of the University of Minnesota, president of the society, will present the prize to Dr. Ball at the opening session of the society's ninety-ninth meeting in Cincinnati, Ohio, April 8. Dr. Ball will deliver his award paper on "The Nature of the Enzyme, Xanthine Oxidase" before a symposium on vitamins and nutrition April 10.

Dr. Ball is cited specifically for his research on the oxidation-reduction properties of cell pigments, such as phthiocol, echinochrome, and the cytchromes, adrenalin and related compounds, vitamin C, vitamin B_2 or riboflavin, and nicotinic acid amide. Oxidation, or the uniting of oxygen with a compound, and reduction, the reverse process, go on continuously in the body.

Barnard Gold Medal Won by Joliots

Dr. Frederic Joliot and Mme. Irene Joliot-Curie, his wife, coworkers in the Radium Institute of Paris, France, and winners of the 1935 Nobel Prize in Chemistry, have been awarded the 1940 Barnard Gold Medal for meritorious service to science, bestowed by Columbia University every five years.

Dr. Joliot and Mme. Joliot-Curie, daughter of Mme. Marie Curie, were nominated to receive the medal by the National Academy of Sciences of the United States. Pioneers in the field of atom smashing, they won the Nobel Prize for the discovery of artificial radio activity. By bombarding stable elements with atomic particles, they found that they could cause the elements to give off energy and disintegrate in the same way that radium does naturally.

Through these experiments, they were the first to furnish proof of the possibility of transforming one element into another. For example, gold can be made artificially from platinum. By focusing a beam of neutrons, uncharged atomic particles, on platinum, the element is made artificially radioactive, changing into gold, the next heaviest element in the atomic table.

The Barnard Medal was established by the will of the late Dr. Frederick A. P. Barnard, president of Columbia from 1864 to 1889.

Patman Chain Store Tax Bill Hearing Set

OPD Washington Bureau
March 22, 1940

The Patman chain-store tax bill will be given a hearing starting March 27 by a subcommittee of the house ways and means committee. The hearings committee is headed by Rep. McCormack of Massachusetts.

W. B. Lawson Forms Chemical Sales Firm

William B. Lawson, formerly of the Harshaw Chemical Company and the International Nickel Company, has established W. B. Lawson, Inc., to deal in industrial chemicals, oils and nonferrous metals. Offices are in the Union Commerce building, Cleveland, Ohio.

Mr Lawson joined the Harshaw organization in 1930 and resigned January 25, this year. Previous to joining

William B. Lawson

that company Mr. Lawson was for many years with the International Nickel Company holding various executive positions. When he resigned from the nickel company in 1930 he was director of sales, which position he had held for several years.

Chemical Exporters To Hear Landis

Dr. Walter S. Landis, vice-president of the American Cyanamid Company, will address the chemical, drug, and cosmetic groups of the Export Managers Club of New York at a luncheon meeting March 26 at 12:30 p.m. in the Hotel Pennsylvania, this city. Dr. Landis is well known as an industrial engineer and an authority on the economics of industrial marketing.

The luncheon will be sponsored by the Seventeen Club and the president of the club, D. C. Townley, assistant to the president of the American Home Products Corporation. It will be a part of the annual meeting of the export managers' club which will open at 10:00 a.m. in the Hotel Pennsylvania.

Among the topics to be introduced for discussion in the regular sessions of the club are:—

"Where Are the Profitable Markets of Today?", by R. M. Dunning, of the Vick Chemical Company.

"Why Field Organization Now Becomes a Major Consideration," by R. W. Gifford, of the Borg-Warner Corporation.

"What Is Ahead of Us in Foreign Credits?", by Wilbert Ward, of the National City Bank of New York.

"When Should Business Study Product as Well as Markets?", by E. W. Watts, of the U. S. Machinery Company.

"How Can We Convert Sales Plans Into Sales?", by Harry B. Brown, of the Philco Radio & Television Corporation.

Luncheon meetings will be held also by the automotive, machinery, and hardware, and the foreign credits, collections, and exchange groups. William K. Jackson, of the United Fruit Company, will speak at the banquet, scheduled for 7:00 p.m.

Queeny Says Laws Bar Economic Restoration

Memphis, Mar. 21, 1940

Lifting of legislative barriers which block the restoration of the United States to its former economic progress is the only way to a permanent solution of the national unemployment problem, said Edgar M. Queeny, president of the Monsanto Chemical Company, St. Louis, and national vice-president of the National Asso-

Edgar M. Queeny

ciation of Manufacturers, in an address today to the fourth annual Tennessee Industrial Personnel Conference here.

Stressing tax legislation and legislation affecting issuance of securities, Mr. Queeny enumerated the following obstacles that have diminished the flow of venture capital into in-

—Continued on page 29

Mines Bureau Fellowship Set Up at Maryland Univ.

OPD Washington Bureau
March 18, 1940

The University of Maryland in cooperation with the Bureau of Mines, offers three fellowships for research in the field of engineering and applied science. Fellows enter upon their duties on July 1, and continue for twelve months, including one month for vacation. Payments under a fellowship are made at the end of each month and amount to $600 for the year. The university will remit payment of tuition fees and will grant all fellowship privileges.

Fellows register as students in the graduate school of the University of Maryland, and may expect to become candidates for the degree of doctor of philosophy. Class work will be directed by the heads of the departments of instruction, but about half of the time will be spent in research work under the direction of the Bureau of Mines staff at the Eastern Experiment Station in College Park.

One fellowship will be assigned to a research project in the metallurgical division of the Bureau of Mines. A second one likewise will be assigned to the nonmetals division, and a third to the coal division. The recipients will enroll in the department of chemical engineering and will be under the supervision of the chairman of that department. The fellowship assigned to the metallurgical division will be open to men who have majored in metallurgy for their undergraduate degree and who have the prerequisites necessary for advanced courses in chemical engineering and for an experimental thesis in physical metallurgy or mineral physics.

While no formal courses in metallurgy will be offered, there will be an exceptionally favorable opportunity for additional metallurgical experience for an applicant qualified to undertake the experimental problem designated. The fellowship assigned to the nonmetals division will be given preferably to a candidate qualified in mineral dressing processes or to one who has majored in technical physics or physical chemistry. The fellowship assigned to the coal division will be given preferably to a candidate who has majored in chemical engineering.

Wage-Hour Hearing For Wholesalers Set

OPD Washington Bureau
March 21, 1940

A public hearing on the application of the Federal wage and hour law to certain employees in the wholesale distributive trades has been scheduled for April 10 in Washington by Philip B. Fleming, administrator of the wage and hour division, U. S. Department of Labor.

The hearing will be confined to proposals to write a new definition to define the terms "bona fide executive, administrative, professional" and "outside salesman capacity" as applied to wholesaling. Present regulations on these terms may be amended as applying to wholesaling as a result of the hearing.

Administrator Fleming stated that this is the first hearing of this nature because it is in response to the first formal application filed by any industrial group for a reconsideration of the regulations, in spite of general expression of dissatisfaction with the regulations. It is probable that many other requests for similar modification of the regulations will be made in the near future by other industries.

The petitions which resulted in this order for a hearing were filed by the Council of National Wholesale Associations, American Retail Federation, and Southern States Industrial Council. While the hearing will be limited to the subject matter mentioned in the petitions, it will not be confined to the three groups of petitioners, as all interested parties may appear if notice of intention is filed prior to April 3.

As used in the notice of hearing, the term, "wholesale distributive trades," includes the following:—Wholesale merchants, including limited function as well as full service wholesalers, jobbers, voluntary group wholesalers, exporters, importers, industrial distributors, cash and carry and mail order wholesalers, retail cooperative warehouses, manufacturers' sales branches and offices, with and without stocks, chain store warehouses and buying offices, commission merchants, brokers, export and import agents, sales and purchasing agents, and manufacturers' agents; and other related types of wholesalers.

Price-Fixing Ban Laid on Fruit Crates

OPD Washington Bureau
March 19, 1940

The American Veneer Package Association, with headquarters here, its officers, and four regional associations of the fruit and vegetable container industry, their officers and members, and a New York business management and engineering group, have been served by the Federal Trade Commission with an order directing them to cease and desist from a combination or conspiracy for fixing and maintaining uniform prices and discounts and for curtailing production and other practices deemed to be in restraint of competition. Members of the respondent regional associations are found to manufacture and sell approximately 75 percent of all the veneer containers used in their territories for packaging fruits and vegetables, with the possible exception of wire-bound and sawed crates.

The commission's order directs the various respondents, and their agents, representatives, and employees to cease and desist from effectuating, or aiding and abetting the accomplishment of any agreement, understanding, combination, or conspiracy for the purpose or with the effect of restrain-

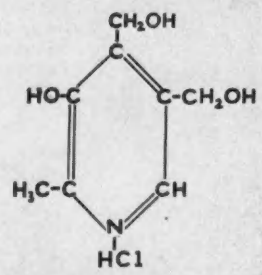
—Continued on page 52

Commerce Group to Meet In Washington April 29

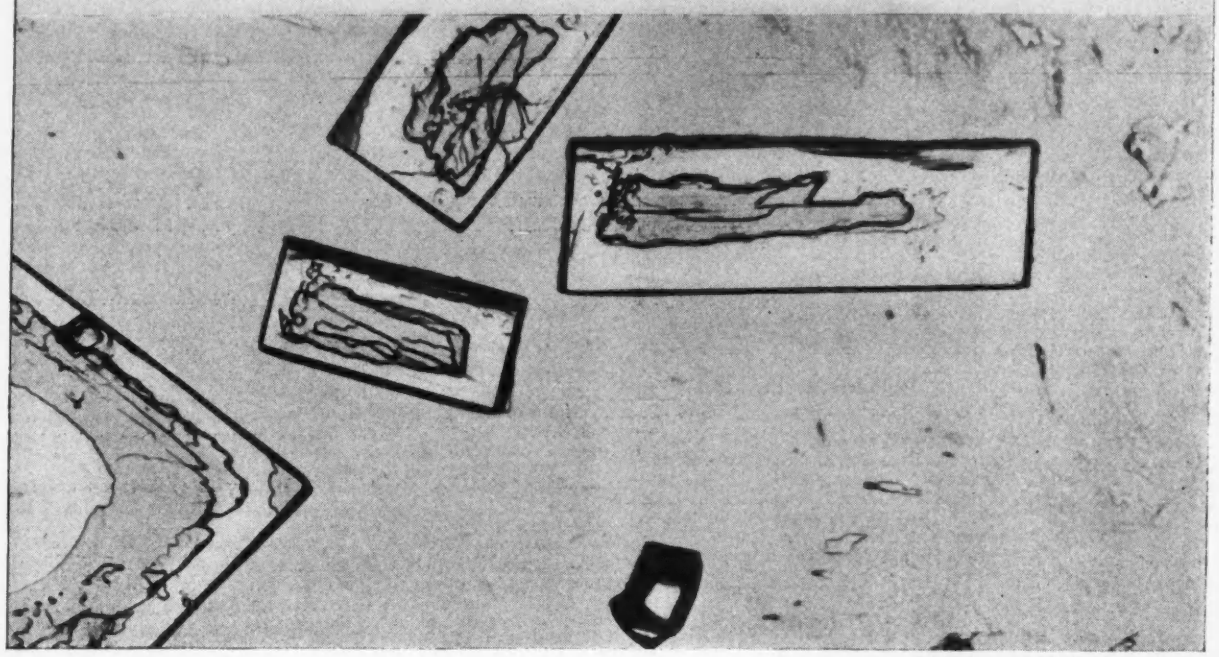
The twenty-eight annual meeting of the Chamber of Commerce of the United States will be held in Washington April 29 to May 2. Round table conference will be concerned with appraising the consumer movement; the relation of government to natural resources; unemployment; problems created by war; insurance; labor relations; transportation; the distributors job, and solving the tax problems.

A Guaranty of MERCK *Purity & Reliability*

Announcing



CRYSTALLINE VITAMIN B_6 MERCK



Photomicrograph of Vitamin B_6 Crystals

As a result of the isolation, identification, and finally the total synthesis of vitamin B_6—all accomplished in the Merck Research Laboratories—this member of the vitamin B complex was made available for the first time in pure crystalline form. We are now pleased to announce that crystalline vitamin B_6 is available in commercial quantities.

Vitamin B_6 Hydrochloride occurs as white, odorless platelets which melt at 206°-208°C. with slight decomposition. The crystals are freely soluble in water and sparingly soluble in alcohol and in acetone. Vitamin B_6 Hydrochloride is stable to light, air, and moisture. The pH of an aqueous solution containing 1 mg. per cc. is 3.5.

Vitamin B_6 is effective in curing a specific type of skin lesion in rats, known as rat acrodynia. The severe microcytic hypochromic anemia which develops when puppies are fed a purified casein diet deficient in vitamin B_6 is also cured by this vitamin. In chicks, the symptoms of vitamin B_6 deficiency consist of slow growth, depressed appetite, and inefficient utilization of food, followed in some cases by spasmodic convulsions and death. In addition to these observations in experimental animals, vitamin B_6 hydrochloride has recently been found to be effective in relieving symptoms of a deficiency disease in human beings.

MERCK
MERCK
FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE
★ 1818 ★

Literature on Request

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.
New York • Philadelphia • St. Louis • In Canada: Merck & Co. Ltd., Montreal and Toronto

Current Market Quotations

March 22, 1940

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

RECEIVED MAR 26 1940 LIBRARY THE CHEMISTS' CLUB

A

Acacia (see Gum, Arabic)			
Acetal, dms., dlvd	lb.	.75	1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works	lb.	.11	—
5 & 10 gls., works	lb.	.14	—
Acetamide, CP, kgs., 5,000 lbs. a year, works	lb.	.36	—
200-lb. lots, works	lb.	.38	—
100-lb. lots, works	lb.	.55	—
5 to 50-lb. lots, works	lb.	.70	—
tech., kgs., 5,000 lbs. a year, works	lb.	.28	—
200-lb. lots, works	lb.	.30	—
100-lb. lots, works	lb.	.45	—
5 to 50-lb. lots, works	lb.	.50	—
Acetanilide, tech., bbls	lb.	.22	—
95%, bbls	lb.	.29	—
USP, cryst., bbls., 2,000-lb. lots,	lb.	.32	—
smaller lots	lb.	.33	—
dms., 25-lb. lots	lb.	.38	—
kgs., 2,000-lb. lots	lb.	.33	—
smaller lots	lb.	.34	—
powd., bbls., 2,000-lb. lots	lb.	.30	—
smaller lots	lb.	.31	—
dms., 25-lb. lots	lb.	.36	—
kgs., 2,000-lb. lots	lb.	.31	—
smaller lots	lb.	.32	—
Acetoactanilide, dms	lb.	.47	.65
Acetone, CP, dms., c.l., dlvd.	lb.	.07½	—
l.c.l., dms., dlvd	lb.	.08	—
tanks, dlvd	lb.	.06	—
Methyl (see M).			
Acetophenone, bots	lb.	1.60	—
cns., 25 to 50 lbs	lb.	1.30	1.35
dms., 100 lbs	lb.	1.27	—
Acetophenetidin, bbls., kgs., 1,000 lbs.	lb.	1.00	—
50 lbs	lb.	1.02	—
25 lbs	lb.	1.05	—
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S. D., Texas E. of Austin and Brownsville	lb.	.08¾	—
l.c.l., same terms	lb.	.09	—
Acetic, com'l or redist., 28%, bbls.	100 lbs.	2.23	2.48
cbys.	100 lbs.	2.73	2.98
56%, bbls	100 lbs.	4.15	4.40
cbys.	100 lbs.	4.65	4.90
70%, bbls	100 lbs.	5.17	5.42
cbys.	100 lbs.	5.67	5.92
80%, bbls	100 lbs.	5.89	6.14
cbys.	100 lbs.	6.39	6.64
glacial, nat., CP, cbys.	100 lbs.	14.00	—
99.5%, bbls	100 lbs.	7.62	7.87
cbys.	100 lbs.	8.12	8.37
tanks	100 lbs.	5.00	—
USP, bbls	100 lbs.	10.25	10.50
cbys.	100 lbs.	10.75	11.00
synth., 99.5%, al. dms.,	100 lbs.	8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP, al. dms	100 lbs.	10.25	10.50
cbys.	100 lbs.	10.75	11.00
pure, 30%, bbls	100 lbs.	3.28	3.53
cbys.	100 lbs.	3.78	4.03
36%, bbls	100 lbs.	3.66	3.91
cbys.	100 lbs.	4.16	4.41
60%, bbls	100 lbs.	6.15	6.40
cbys.	100 lbs.	6.65	6.90
80%, bbls	100 lbs.	7.68	7.93
cbys.	100 lbs.	8.18	8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld	lb.	.10½	.11⅛
l.c.l., dms., frt. alld	lb.	.12	.13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.	lb.	.45	—
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls.	lb.	.40	—
powd., 80 mesh, 200-lb. bbls.	lb.	.40	—
Anthranilic, refd., bbls	lb.	1.15	1.20
tech., bbls	lb.	.75	—
Arsenous, tech. (see Arsenic, White).			
USP, powd., dms., kegs	lb.	.22	.25
Ascorbic, bots., dms	oz.	2.75	3.00
Battery, cbys., c.l., E. works, 100 lbs.		1.60	—
l.c.l., 25 or more, E. works, 100 lbs.		1.85	—
10-25, E. works	100 lbs.	1.95	—
1-9, E. works	100 lbs.	2.55	—
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	—
1,000 to 3,900 lbs	lb.	.44	—
900 lbs. or less	lb.	.47	—
USP, bbls., 4,000 lbs. or more,	lb.	.54	—
1,000 to 3,900 lbs	lb.	.55	—
900 lbs. or less	lb.	.58	.59
dms., 4,000 lbs. or more	lb.	.55	.56
1,000 to 3,900 lbs	lb.	.56	.57
900 lbs. or less	lb.	.59	.60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd.,	ton.	106.00	—
c.l., dlvd	ton.	111.00	—
l.c.l., ex whse	ton.	118.00	123.00
sks., contracts, 80 tons, dlvd	ton.	96.00	—
c.l., dlvd	ton.	101.00	—
l.c.l., ex whse	ton.	108.00	113.00
powd., bbls., contracts, 80 tons, dlvd	ton.	111.00	—
c.l., dlvd	ton.	116.00	—
l.c.l., dlvd	ton.	123.00	138.00
sks., contracts, 80 tons, dlvd	ton.	101.00	—
c.l., dlvd	ton.	106.00	—
l.c.l., ex whse	ton.	113.00	128.00

USP, $25 per ton higher.

Acid, butyric, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	—
l.c.l., same basis	lb.	.23	—
tanks, same basis	lb.	.21	—
Broenner's, bbls	lb.	1.11	—
Camphoric, cns	lb.	7.00	—
Capric, dms	lb.	.14	.14½
Caporic, dms., works	lb.	.35	.40
Carbolic (see Phenol).			
Castor oil, split, dms	lb.	.17½	.18
Chlorosulphonic, dms., c.l., works	lb.	.0350	—
5-drum lots, works	lb.	.04	—
single drum	lb.	.05	—
tanks, works	lb.	.03	—
Chromic, 99%, dms., c.l., dlvd. N. Y.	lb.	.15¼	—
l.c.l., 5 tons, dlvd. N. Y.	lb.	.15¾	—
dms., smaller quantities, dlvd. N. Y.	lb.	.16¼	.17¼
Cinnamic, refd., bots	lb.	2.85	3.25
Citric, cryst., gran., bbls., car lots	lb.	.20	—
10-000-lb. lots, one shipt.	lb.	.20½	—
smaller lots	lb.	.21	—
anhyd., gran., dms., 10,000 lbs., 1 shipt.	lb.	.23	—
smaller lots	lb.	.23½	—
Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.			
Cleve's, bbls	lb.	.57	—
Coconut oil, dms	lb.	.10½	.11
Corn, dist., dms	lb.	.09	.09½
Cottonseed oil, dist., dms	lb.	.09¼	.09¾
tanks	lb.	.08¾	—
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equld.	gal.	.68	—
l.c.l., same basis	gal.	.70	—
special blends (50%, 210°-215°), dms., c.l., works, frt. equld.	gal.	.71	—
l.c.l., same basis	gal.	.73	—
low-boil (50%, 204°-206°), dms., c.l., works, frt. equld.	gal.	.68	—
l.c.l., same basis	gal.	.70	—
special blends (50%, 204°-206°), dms., c.l., works, frt. equld.	gal.	.71	—
l.c.l., same basis	gal.	.73	—
imported, pale, dms	gal.	.70	.75
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East. U.S.	gal.	.40	—
l.c.l., same basis	gal.	.41	.42
tanks, dlvd., East U.S.	gal.	.389	—
medium-boil (222°-249°), non-return dms., c.l., works, East. U.S.	gal.	.46	—
l.c.l., same basis	gal.	.47	.48
tanks, dlvd. East U.S.	gal.	.448	—
Crotonic, bbls., dlvd	lb.	.21	—
smaller containers, dlvd	lb.	.50	—
Diethylbarbituric (see Barbital).			
Formic, dom., 90%, cbys, f.o.b. works, c.l.	lb.	.10½	—
l.c.l., 25 and over	lb.	.11	—
1-24	lb.	.11½	—
Fumaric, bbls., 1 ton delivery	lb.	.24	—
smaller lots	lb.	.25	.28
Gallic, tech., bbls	lb.	.90	.93
N. F., VI, bbls., 200 lbs., 5 or more	lb.	1.07	—
single bbls	lb.	1.10	—
fib. dms., 25 lbs	lb.	1.16	—
Gamma, bbls	lb.	.85	—
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.12	—
100-lb. kgs. or cbys	lb.	.17	—
25 or 50-lb. demijns	lb.	.21	.23
5-lb. bots	lb.	.29	—
H, bbls	lb.	.45	—
Hydriodic, 47%, bots	lb.	2.30	—
5-lb. bots	lb.	2.51	—
57%, bots	lb.	2.75	2.90
Hydrobromic, 10% dilut., USP,	lb.	.20	.21
pure, 34% conct., cbys	lb.	.42	.44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls., works	lb.	.80	1.00
Hydrofluoric, 30%, bbls	lb.	.06	.06½
lead cbys	lb.	.08	.08½
48%, lead cbys	lb.	.10½	.11
52%, lead cbys	lb.	.11½	.12
60%, lead cbys	lb.	.14	.14½
Hydrofluosilic, 30-35%, 420 lb. bbls.	lb.	.09	.09¼
Hypophosphorus, USP, 30%, djns.	lb.	.75	.80
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	—
l.c.l., bbls., works	100 lbs.	2.75	—
cbys., works	100 lbs.	3.75	—
44%, bbls., c.l., works, 100 lbs.		5.50	—
l.c.l., bbls., works	100 lbs.	5.75	—
cbys, works	100 lbs.	6.75	—
light, 22%, bbls., c.l., works, 100 lbs.		3.50	—
l.c.l., bbls., works	100 lbs.	3.75	—
cbys., works	100 lbs.	4.75	—
44%, bbls., c.l., works, 100 lbs.		6.50	—
l.c.l., bbls., works	100 lbs.	6.75	—
cbys., works	100 lbs.	7.75	—
50%, edible, 20 and over, bbls., cbys.	lb.	.10½	.11½
plastic grade	lb.	.12¼	.13½
5 to 19, edible, bbls., cbys.,	lb.	.11	.12
plastic grade	lb.	.12¾	.13¾
1 to 4, edible, bbls., cbys.,	lb.	.11½	.12½
plastic grade	lb.	.13¼	.14½
80%, 5 and over, bbls., cbys.	lb.	.21	.22
1 to 4 bbls., cbys	lb.	.21½	.22½
USP, XI, 85%, cbys	lb.	.43	.45
USP, VIII, 75%, cbys	lb.	.41	.43
Lauric, dist., tech., dms	lb.	.14	.14½
Laurent's, bbls	lb.	.45	—

Acid, linseed oil, dark, dms.	lb.	.13	.13½
light, dms	lb.	.14	.14½
extra white, dist., dms	lb.	.14½	.15
Maleic, powd., dms	lb.	.30	—
anhydride, dms., c.l.	lb.	.25	—
dms., l.c.l.	lb.	.26	—
Malic, powd., kegs	lb.	.47	—
Mandelic, bots	lb.	2.30	—
dms., 1,000 lbs	lb.	2.05	—
smaller lots	lb.	2.15	—
Mixed, tanks, nitric unit	lb.	.05	.06
sulphuric unit	lb.	.0085	.009
Molybdic, kgs., works	lb.	.95	1.10
Monochloracetic, tech., bbls.	lb.	.15	.18
Monosulphonic, bbls	lb.	1.50	—
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.50	—
l.c.l., 25 and over, E. works	100 lbs.	1.75	—
10 to 24, works	100 lbs.	1.85	—
1 to 9, works	100 lbs.	2.45	—
tanks, works	100 lbs.	1.05	—
20°, cbys., c.l., E. works, 100 lbs.		1.75	—
l.c.l., 25 and over, works, 100 lbs.		2.00	—
10 to 24, works	100 lbs.	2.10	—
1 to 9, works	100 lbs.	2.70	—
tanks, works	100 lbs.	1.15	—
22°, cbys., c.l., E. works, 100 lbs.		2.25	—
l.c.l., 25 and over, works, 100 lbs.		2.50	—
10 to 24, works	100 lbs.	2.60	—
1 to 9, works	100 lbs.	3.20	—
tanks, works	100 lbs.	1.63	—
C.P. dealers, cbys	lb.	.06½	—
6-lb. bots	lb.	.15½	—
consumers, cbys	lb.	.08	—
6-lb. bots	lb.	.20	—
Myristic, dist., dms	lb.	.18¼	.18¾
Naphthenic, dom., acidity, 160, dms., c.l., works	lb.	.11	Nom.
l.c.l., dms., works	lb.	.11½	Nom.
tanks, works	lb.	.10½	Nom.
200-220, dms., c.l., works	lb.	.09½	Nom.
l.c.l., dms., works	lb.	.10	Nom.
tanks, works	lb.	.09	Nom.
240, dms., c.l., works	lb.	.14	Nom.
l.c.l., dms., works	lb.	.14½	Nom.
tanks, works	lb.	No prices	
Nicotinic, 25-lb. cns	lb.	15.00	15.50
5-lb. bots	lb.	16.50	—
1-lb. bots	lb.	17.00	—
Nitric, 36°, cbys., c.l., E. works, 100 lbs.		5.00	—
l.c.l., 25 and over, E. works	100 lbs.	5.25	—
10 to 24, works	100 lbs.	5.35	—
1 to 9, works	100 lbs.	5.95	—
38°, cbys., c.l., E. works, 100 lbs.		5.50	—
Western works	100 lbs.	5.75	—
l.c.l., 25 and over, E. works	100 lbs.	5.75	—
10 to 24, works	100 lbs.	5.85	—
1 to 9, works	100 lbs.	6.45	—
40°, cbys., c.l., E. works, 100 lbs.		6.00	—
l.c.l., 25 and over, E. works	100 lbs.	6.25	—
10 to 24, works	100 lbs.	6.35	—
1 to 9, works	100 lbs.	6.95	—
42°, cbys., c.l., E. works, 100 lbs.		6.50	—
l.c.l., 25 and over, works, 100 lbs.		6.75	—
10 to 24, works	100 lbs.	6.85	—
1 to 9, works	100 lbs.	7.45	—
C.P., USP, dealers, cbys	lb.	.11½	—
7-lb. bots	lb.	.22½	—
consumers, cbys	lb.	.13	—
7-lb. bots	lb.	.24	—
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works,	lb.	.10¾	—
10,000 lbs. and over	lb.	.11	—
smaller quantities	lb.	.12	.14
Palm oil, white, dist., dms.	lb.	.07½	.08
tanks	lb.	.07	—
Phenylacetic, bots	lb.	1.75	3.00
Phosphoric, ortho, tech., 50%, cbys.	lb.	.06	—
75%, cbys	lb.	.07½	—
USP, 85%, s. g. 1.710, cbys., 180 lbs.	lb.	.12	—
50%, s. g. 1.347, cbys., 70 lbs.	lb.	.12	—
djns., 25 lbs	lb.	.15	—
10%, dilut., cbys., djns.	lb.	.07	.07½
Picramic, kgs	lb.	.65	.70
Picric, bbls	lb.	.35	—
Propionic ref., cbys., works.	lb.	.25	Nom.
dms., works	lb.	.22	Nom.
tech., cbys., works	lb.	.20	Nom.
dms., works	lb.	.16	Nom.
Pyrogallic, tech., lump, powd., bbls.	lb.	1.20	—
cns.	lb.	1.25	—
USP, cryst., cns	lb.	1.70	—
resubl., cns	lb.	2.25	—
Pyroligneous, bbls., dlvd. E.gal.		.25	—
Ricinoleic, com'l, split (see Acid, castor oil, split), tech., dms., c.l., works	lb.	.27	—
l.c.l., dms., works	lb.	.28	.33
Salicylic, tech., bbls	lb.	.33	—
USP, bbls	lb.	.35	.40
Sebacic, C.P., bbls., works.	lb.	No prices	
tech., bbls., works	lb.	No prices	
Soybean oil, dist., dms	lb.	.09¼	.09¾
Stearic, dist., double pressed, bgs., dlvd.	lb.	.11¼	.12¼
single pressed, bgs., dlvd.	lb.	.10¾	.11¾
triple pressed, bgs., dlvd.	lb.	.14	.15
saponif., double pressed, bgs., dlvd.	lb.	.11½	.12½
triple pressed, bgs., dlvd.	lb.	.14¼	.15¼
Succinic, bbls	lb.	.75	—
Sulphanilic, CP, bots., works.	lb.	1.60	1.68
tech., dms., works	lb.	.17	—
Sulphonaphthenic, dms	lb.	.04	.10

Acid, sulphuric, 60°, cbys., c.l., E. works.	100 lbs.	1.25	—
l.c.l., 25 and over, works, 100 lbs.		1.50	—
10 to 24, works.	100 lbs.	1.60	—
1 to 9, works.	100 lbs.	2.20	—
tanks, E. works	ton.	13.00	—
66°, cbys., c.l., E. works, 100 lbs.		1.50	—
l.c.l., 25 and over, works, 100 lbs.		1.75	—
10 to 24, works.	100 lbs.	1.85	—
1 to 9, works.	100 lbs.	2.45	—
tanks, E. works	ton.	16.50	—
98°, tanks, works	ton.	17.50	—
CP, USP, dealers, cbys	lb.	.06½	—
9-lb. bots	lb.	.16½	—
consumers, cbys	lb.	.08	—
9-lb. bots	lb.	.18	—
fuming, 20%, tanks, E. works,	ton.	18.50	—
65%, tanks, E. works	ton.	36.00	—
Tannic, tech., bbls., dms	lb.	.54	.56
USP, fluffy, bbls., 1,000-lb. lots.	lb.	.98	—
100-lb. lots	lb.	1.00	—
25-lb. lots	lb.	1.03	—
powd., bbls., 1,000 lbs	lb.	.88	—
smaller lots	lb.	.90	—
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment,	lb.	.37¼	—
smaller quantities	lb.	.37¾	—
kgs.	lb.	.38¼	—
Tobias, bbls	lb.	.55	.60
Trichloroacetic, bots	lb.	2.00	2.50
Tungsten, CP, kgs., works	lb.	No prices	
Chem. grade, kgs., works	lb.	No prices	
Aconite leaves, bls	lb.	.28	.30
Root, bls	lb.	.36	.38
Aconitine, amorph., bots	oz.	23.00	—
vls.	gr.	1.00	—
cryst., bots	oz.	42.00	—
vls.	gr.	1.60	—
Adeps lanae, anhyd., dms	lb.	.30	.31
hyd., dms	lb.	.29	.30
Agar, 1, bls	lb.	1.45	1.50
3, bls	lb.	No prices	
Agaric, white, bls	lb.	5.00	5.25
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld.	lb.	.13	—
powd., grade A, same basis, ton lots.	lb.	.15	—
smaller lots, same basis.	lb.	.18	—
light, dom., flake, dms., f.o.b. Chicago, frt. alld.	lb.	.55	.62
import, bgs	lb.	.60	Nom.
egg, ed., dom., cryst., bbls.	lb.	.53	.59
dom., powd., dms., bbls.	lb.	.58	.64
import, cs	lb.	.60	.62
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld.	lb.	.111	—
l.c.l., frt. alld	lb.	.121	—
tanks, frt. alld	lb.	.101	—
Benzyl, cns	lb.	.68	—
drums	lb.	.63	—
Butyl, normal, cns., works.	lb.	.14½	.16⅛
dms., c.l., frt. alld	lb.	.10	—
l.c.l., frt. alld	lb.	.10½	—
tanks, frt. alld	lb.	.09	—
tankwagon, frt. alld	lb.	.09½	—

Contract prices 1c. per gal. less.

secondary, dms., c.l., frt. paid E. of Miss. R.	lb.	.07½	—
l.c.l., same terms	lb.	.08	—
tanks, same terms	lb.	.06½	—
tertiary, denaturing, c.l., dms.	lb.	.12½	—
l.c.l., dms	lb.	.13	—
tanks	lb.	.11½	—
Capryl, pure, dms., works	lb.	2.50	—
tech., dms., works	lb.	.85	—
Cetyl, dom., CP, fiber ctns., 1,000 lbs.	lb.	1.50	—
500 lbs	lb.	1.70	—
100 lbs	lb.	1.80	—
25 lbs	lb.	1.90	—
5 lbs	lb.	2.00	—
com'l, dms	lb.	.95	—
import, 85%, 100-lb. dms	lb.	.85	—
5 to 10 lbs	lb.	.75	—
com'l, 350-lb. dms	lb.	.45	—
Cinnamic, bots	lb.	2.00	2.50
Denatured, CD14, dms., c.l., works, E.	gal.	.31½	—
l.c.l., works, dms	gal.	.36½	—
tanks, E., works	gal.	.25½	—

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works.	gal.	.29½	—
19 bbls., E. works	gal.	.31½	—
1 to 18 bbls., E. works, gal.		.34½	—
dms., c.l., E. works	gal.	.28½	—
19 dms., E. works	gal.	.30½	—
1 to 18 dms.	gal.	.33½	—
tanks, E. works	gal.	.22½	—

Anhydrous 3c. per gal. higher.

SD-2B., dms., c.l., works, E.	gal.	.26½	—
19 dms., works, E.	gal.	.28½	—
1 to 18 dms., works, E. gal.		.31½	—
tanks, E., works	gal.	.20½	—
SD23-G, works, E., c.l., dms.,	gal.	.32½	—
19 dms.	gal.	.34½	—
1 to 18 dms.	gal.	.37½	—
tanks	gal.	.26½	—

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Alcohol—Black, Acetylene

Alcohol, special solvent, dms., c.l., E. works..gal. .20½- —
20 dms., E. works..gal. .31½- —
1 to 10 dms.....gal. .34½- —
tanks, E. works.....gal. .23½- —
Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l.,divd..lb. .12 - —
l.c.l., divd.....lb. .12½- —
cns., works.....lb. .16½- .18½
tanks, divd.....lb. .11 - —
tech., dms., c.l., divd.....lb. .11½- —
l.c.l., divd.....lb. .12 - —
cns., works.....lb. .16 - .18
tanks, divd.....lb. .10½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.55 - —
19 bbls.....gal. 4.58½- —
1 to 18 bbls.....gal. 4.61½- —
dms., c.l.....gal. 4.54 - —
19 dms.....gal. 4.57½- —
1 to 18 dms.....gal. 4.60½- —
tanks.....gal. 4.48 - —
absolute, dms., c.l.....gal. 4.81½- —
19 dms.....gal. 4.85 - —
1 to 18 dms.....gal. 4.88 - —
Grain alcohol 25c. gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., divd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., works..lb. .0690- —
tanks, same terms.....lb. .0590- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b., dest..gal. .65 - —
55 gal. c.l., same basis, gal. .53½- —
l.c.l., same basis....gal. .58½- —
tanks, frt., alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .56 - —
l.c.l., same basis....gal. .61 - —
tanks, same basis.....gal. .51 - —
Methyl (see Methanol).
Phenylethyl, bots., cans.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.c.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis....lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Alcohol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., divd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works. lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .22 - .23
Aloe, Cape, cs.....lb. .20 - .21
Curacao, cs.....lb. .44 - .45
gourds, bbls.....lb. .60 - .65
Socotrine, kgs.....lb. .40 - .45
Alsin, 140-lb. bbls.....lb. 3.25 - —
100-lb. kgs.....lb. 3.27 - —
25-lb. fib. dms.....lb. 3.34 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .45 - .50
peeled, bls.....lb. .47 - .49
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .19
gran., bbls., works....100 lbs. 3.50 - —
dlvd. N. Y., Phila..100 lbs. 3.50 - —
lump, bbls., works.....100 lbs. 3.75 - —
dlvd. N. Y., Phila..100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
dlvd. N. Y., Phila..100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works, 100 lbs. 3.75 - —
dlvd. N. Y., Phila..100 lbs. 3.75 - —
lump, bbls., works.....100 lbs. 4.00 - —
dlvd. N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
dlvd. N. Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .06¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
52%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd., lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works....lb. .03¼- —
Formate, 80%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
Alumina, sulphate, coml., bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., works, frt. equaled. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.45 - —
l.c.l., works.....100 lbs. 1.70 - —
bbls., c.l., works...100 lbs. 1.65 - —
l.c.l., works.....100 lbs. 1.90 - —
Aluminum 98-99%, c.l.....lb. .20 - —
l.c.l.....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs.....lb. .73 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs. lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz.17.00 -26.00
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works.lb. .04½- —
refrigeration, tanks, works, lb. .03 - —
pure, cycls., dlvd., met. N.Y.lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l.....lb. .02½- —
tanks (on NH_3 content), f.o.b. works.....lb. .04 - —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs. to 3,900 lbs....lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., dlvd., Met. N. Y..lb. .0556- —
kgs., same basis.....lb. .0606- —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs.....lb. .38 - .39
kegs.....lb. .36 - —
Carbonate, lump, bbls., dlvd., Met. N. Y..lb. .08 - —
kgs., same basis.....lb. .11 - —
cns., same basis.....lb. .13½- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .18
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .85 - —
cns.....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars.....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars.....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure gran.....lb. .32 - —
Perchlorate, kgs.....lb. .17 - .19
Persulphate, kgs., dom.....lb. .21 - .22
imported, kgs.....lb. .18 - —
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs.....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l.....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., bbls., ex-dock N.Y..lb. .11½- .12
Stearate, anhydrous.....lb. .24½- —
paste.....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. shipt..ton.28.00 - —
Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .06 - —
l.c.l., works.....lb. .12 - .18
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l.....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.00 - 5.15
import, csks.....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
cns., works.....lb. .17 - .19
ex Pentane, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Amyl chloride, normal, dms., works..lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.30 - 1.35
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, 5 lbs., bots., 25 dms., l.c.l., works..lb. .26 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. 1.02 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .25 - .26
import, natural, bls.....lb. .70 - .75
twisted bls.....lb. .95 - 1.25
Angostura bark, bls.....lb. .28 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l.....lb. .16 - —
tanks.....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Mexican, bgs.....lb. .13 - .13½
Spanish, bgs.....lb. .27 - .27½
Star, bgs.....lb. .15 - .15½
Anisic aldehyde, bots.....lb. 2.65 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, powd., kgs.....lb. .18 Nom.
Oxide, bgs., c.l.....lb. .15 - —
l.c.l.....lb. .15¾- —
Salt, 65%, kgs.....lb. .42 Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .13 - .16
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .13 - .16
Arecoline hydrobromide, bots..oz. 5.00 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .40 - .42
Root, bls.....lb. .49 - .51
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09½
bbls.....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.59 - —
jars.....lb. 5.43 - —
Red, import, cs.....lb. .17½- .18
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .08 - —
l.c.l.....lb. .08¾- —
Asafetida, cs.....lb. .45 - .50
powd., bbls., bxs.....lb. .70 - .75
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.14.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant.....lb. .05 - —
smaller lots, f.o.b. plant..lb. .06 - —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points.. ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 5.75 - 6.00
Sulphate, bots.....oz. 4.00 - 4.75

B

Balm of Gilead buds, bgs.....lb. .45 - .50
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.45.00 -47.00
99% thru 200 mesh, bgs., c.l.,works..ton.47.00 -49.00
precip., bgs., c.l., works..ton.52.50 - —
Chicago.....ton.55.00 - —
l.c.l., works.....ton.57.50 - —
Chicago.....ton.60.00 - —
bbls., c.l., works.....ton.57.50 - —
Chicago.....ton.60.00 - —
l.c.l., works.....ton.62.50 - —
Chicago.....ton.65.00 - —
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works.....ton.62.50 - —
Chlorate, kgs.....lb. .20 - .25
Barium chloride, CP., cryst., bbls..lb. .25 - —
kgs.....lb. .27 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis...ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis...ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis...ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis...ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis...ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis...ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis...ton.85.00 - —
l.c.l., bgs., same basis..ton.96.00 - —
bbls., same basis...ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .15
Fluoride, bbls.....lb. .14 - .15
Fluosilicate, bbls.....lb. .16 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .06½ Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.77 - —
jars.....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .09½- .10½
Oxide, dms., c.l., ungrd., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works..lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis..ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York....ton.31.50 - —
southern off color, bulk, mines, ton.12.00 - —
93.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a...ton. No prices.
l.c.l., ex whse.....ton. No prices.
ungrd., bulk, c.l., ex dock.ton. No prices.
Italian, grd., bbls., c.l., ex dock, t.a...ton.29.50 Nom.
l.c.l., ex whse. .....ton.32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .30 - .35
Root, bls.....lb. .35 - .40
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys, dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs...lb. .85 - —
5 to 25 lbs.....lb. .90 - .96
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .31 - —
tankcars, frt. alld. E. of Omaha, gal. .16 - —
W. Coast, f.o.b. Minneque, Colo..gal. .16 - —
export.....gal. .17 - —
Benzoyl chloride, cbys.....lb. .23 - .26
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms.....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans, lb. .84 - —
dms.....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb.17.25 -17.50
Hydrochloride, cns.....lb.17.25 -17.50
Sulphate, cns.....lb.17.25 -17.50
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs.....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 2.20 - 2.35
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars.....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns.....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots...lb. 1.45 - —
cans.....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.13 - —
Subcarbonate, bots cns.....lb. 1.82 - 2.08
fib. dms.....lb. 1.73 - 1.76
X-ray, 5-lb. bots.....lb. 3.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.03
fib. dms.....lb. 1.68 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.96 - —
Subnitrate, powd., bots., cns.lb. 1.57 - 1.62
fib. dms.....lb. 1.48 - 1.51
Subsalicylate, 61-66%, bxs....lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.43 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt., alld. E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
3, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —

Black, bone, 4, bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7 bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E. lb. .11 - —
l.c.l., frt. alld. E.....lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants. lb. .0255- —
f.o.b. North Atlantic ports, lb. .03425- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .02425- —
f.o.b. North Atlantic ports, lb. .0330- —
l.c.l., beads or uncompressed, bgs., f.o.b. whse..lb. .05¾- —
dlvd..lb. .06¼- —
cartons, f.o.b. whse. or dlvd..lb. .06¼- —
cases, f.o.b. whse. or dlvd. lb. .07 - —
bulk, cars, c.l., f.o.b. plants. lb. .0230- —
f.o.b. New York harbor..lb. .0318- —
special, 2 bgs., c.l., works..lb. .08½- —
lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
bgs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs, l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .29 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08½- —
2, bbls., l.c.l., works.....lb. .08 - —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
1, ctns., c.l., 3, ctns., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N.Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2 bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —

Black, lamp, import, 3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y...lb. .05½- —
works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .25 - .26
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works. ton.35.00 - —
l.c.l., works.....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.10 - —
high- grade, gr., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.15 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 3.20 - —
soluble (see Albumen, blood).
Bloodroot, bls.....lb. .11 - .12
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla,, Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb, .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld....lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
Potash, dom., bbls., same basis, alkali toner, contracts.lb. .42 - —
open order.....lb. .42 - —
Blue, Prussian, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
soluble, bbls., same basis, alkali toner, contracts.lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —

Blue, ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .27
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, blue dvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c., higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls. .....lb. .13 - .14
Blue mass, USP, cns.....lb. 1.57 - 1.59
powd., cns.....lb. 1.60 - 1.62
Bluestone (see Copper sulphate)
Blue vitriol (see Copper sulphate)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 -33.00
import, bgs., c.i.f. ports..ton.31.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 - —
import, 100-lbs., bgs., c.i.f., ports, ship..ton.32.00 - —
Phosphate, precip. (see Calcium phosphate dibasic. precip.)
Steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.34.50 - —
Boneset leaves, bales.....lb. .08 - .09
Borage flowers, bales.....lb. .20 - .25
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms. c.l., dealers..lb. .11 - —
l.c.l., deslers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 50 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50

Black, Bone—Butyl Acet.

Broomtops, bls.....lb. .11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .11¼- —
Metallic, iron oxide, bbls., wks., lb. .02¼- —
paper bags., c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03¼- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis...lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09 - —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08¼- —
8, bbls., same basis...lb. .08 - —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis...lb. .07⅛- —
11, bbls., same basis...lb. .07 - —
12, bbls., same basel...lb. .06½- —
13, bbls., same basis...lb. .06¼- —
14, bbls., same basis...lb. .05¾- —
raw, American, bbls., f.o.b. works..lb. .02⅞- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12⅜- —
2, bbls., same basis...lb. .11¼- —
3, bbls., same basis...lb. .12⅜- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¼- —
6, bbls., same basis...lb. .08¾- —
7, bbls., same basis...lb. .09 - —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .07 - —
10 bbls., same basis...lb. .06¼- —
11, bbls., same basis...lb. .05½- —
Umber, American, bbls., works, lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehme, Easton, Pa., N. Y.....lb. .04¼- —
St. Louis.....lb. .04¾- —
ex car Los Angles...lb. .05 - —
ex whse., Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .05 - —
ex whse., Kansas City., lb. .05½- —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04¾- —
Minneapolis .....lb. .0510- —
Pittsburgh .....lb. .04¾- —
Vandyke, bbls., l.c.l.....lb. No prices
Walnut crystals, bbls.....lb. .06½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .15 - .16
Buchu leaves, bls.....lb. .75 - .80
Buckthorn bark, true, bls.....lb. .25 - .30
cut and sifted, bbls.....lb. .28 - .33
Berries, bgs.....lb. .25 - .30
Burdock root, bls.....lb. .14 - .15
Burgundy pitch, dom., dms...lb. .05½- .06
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks., lb. .14½- .16¼
dms., c.l., frt. alld.....lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
tankwagons, frt. alld.....lb. .09½- —

WE INVITE OFFERS

Companhia Anilinas E Productos Chimicos Do Brasil
Rio De Janeiro, Caixa Postal 194, Brazil

Branches at SÃO PAULO and all important places of Brazil
Cable Address: ANILINA

Importers of Chemicals for the following industries

TEXTILE	PAINT, VARNISH, LACQUER	PHARMACEUTICAL
PAPER	ENAMEL AND CERAMIC	LABORATORIES
RUBBER	GRAPHIC	BREWERIES
TANNERIES	CHEMICAL	WINE SUGAR

We ask for offers from competitive MANUFACTURERS

FIRST CLASS BANK AND TRADE REFERENCES WILL BE FURNISHED

Butyl Acet.—Degras

Butyl acetate, contract prices 1c. per gal. less.
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .07½- —
dms., l.c.l., same terms.lb. .08 - —
tanks, same terms.....lb. .06¼- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55-gal. dms., dlvd..lb. .35 - —
5-gal. cns.....lb. .75 - —
1-gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .28½- —

Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Iodide, 5-lb. bots.....lb. 4.19 - —
25-lb. cns.....lb. 4.05 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .85 - —
ingots or sticks.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs. or more.....lb. 2.25 - —
1,000 lbs. or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs. or more..lb. 2.23 - —
2,000 lbs. or more.....lb. 2.28 - —
1,000 lbs. or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more..lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs.....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .27 - .28
Calamus root, peeled, N.F., cs., lb. .28 - .30
bleached, bls.....lb. 1.00 - 1.25
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l., E. of Rockies..lb. .06 - —
l.c.l. .....lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd.....lb. 4.75 - —
l.c.l., f.o.b. warehouse....lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd..ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.20
Gluconate, USP, gran., powd., 150-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton.29.00 - —
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.i.f., Atlantic ports, shipt...unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., works..ton.46.00 - —
80%, CaS., bgs., c.l., wks.ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls., 200 lbs., lb. .47 - .48
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .35 - .40
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.70 - —
Camphor, natural, powd., cs..lb. .83 - .84
slabs, cs.....lb. .83 - .84
tablets, tins.....lb. .88 - .89
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran. powd., bbls., 2,000-lb. lots..lb. .55 - —
1,000-lb. lots.....lb. .56 - —
smaller lots.....lb. .57 - —
tablets, 2,000-lb. lots..lb. .68 - —
1,000-lb. lots.....lb. .69 - —
smaller lots.....lb. .70 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs..lb. .03¾- .03¾
Morocco, bgs.....lb. .0340- .0370
Turkish, bgs.....lb. .0340- .0370
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. .90 - .95
powd., bxs.....lb. 1.10 - 1.15
Russian, cs.....lb. 2.25 - 2.30
powd., bxs.....lb. 2.50 - 2.55
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .12¼- .12¾
Russian, bgs.....lb. .10¾- .11¼
Carbasole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, butyl, norm., dms., lb. .60 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. adll.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.00 - 1.35
decorticated, cs.....lb. .75 - .78
green, bgs.....lb. .65 - .68
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .16 - .18
Case-hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .10 - .11
5 tons, works.....lb. .11½- .12½
smaller lots, works.....lb. .16 - .17
80-100 mesh, bgs.....lb. .10½- .11½
5 tons, works.....lb. .12 - .13
smaller lots, works.....lb. .16½- .17½
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .10 - .11
80-100 mesh, bgs., c.l., duty paid..lb. .10½- .11½
French, 30 mesh, bgs., c.l., duty paid..lb. .14½- .15
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. .14 - .15
Cassia, Batavia, No. 1, bls....lb. .16½- .17
shortstick, bls.....lb. .13¾- .14¼
broken, bls.....lb. .12 - .12½
China, rolls, select, bls.....lb. .10 - .10½
broken, extra, bls.....lb. .09¾- .10¼
Saigon, bls.....lb. .16½- .17
Cassia buds, cs.....lb. .13 - .13½
Cassia fistula, bskts.....lb. .12 - .13
Castile soap, Italian, white, bars, 40-lb. cases..case.14.00 - —
powd., bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, f.o.b. shipt. ports..ton.95.00 -98.00
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.17.50 - —
import, bgs., c.i.f. ports, shipment..ton.20.00 - —
Celery seed, French, bgs.....lb. .21 - .21½
Indian, bgs.....lb. .13 - .13½
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .33 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld.....lb. .47 - —
smaller pkg., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works.....lb. .46 - —
acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld.....lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkg., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkg., works.....lb. .46 - —
triacetate, flake, frt. alld., lb. .33 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .35 - .40
Roman, bls.....lb. .45 - .50
Charcoal, softwood, gran., bgs., c.l., dlvd., Colo..ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt., ton.32.80 - —
c.l., dlvd., Ill. (except river point), Minn., Neb., Wis..ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso).....ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio .....ton.29.80 - —
Penn. .....ton.31.80 - —
Utah .....ton.66.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02½- —
l.c.l., bbls., works.....lb. .02¾- —
tanks, works.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works. ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., cks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., bgs., works..lb. .32 - —
75 lbs., bgs.....lb. .35 - —
smaller lots, bgs.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N. Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., works..lb. .80 - —
100-lb. cyls., works.....lb. .85 - —
5-25-lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½%, cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .70 - .75
20 in., thick, cs.....lb. .70 - .75
20 in., medium, cs.....lb. .30 - .35
USP, broken quill, red, bgs., lb. .27 - .28
yellow, bgs.....lb. .27 - .28
Cinchonidine, crys., small cns., 100 ozs..oz. .86 - —
large, cns.....100 ozs..oz. .90 - —
powd., cns.....100 ozs..oz. .83 - —
Sulphate, N.F., cns.100 ozs..oz. .50 - —

Cinchonidine buyers must pay a surcharge of 3c. per oz., to cover present war risk insurance, higher ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, crys., small, cns., 100 ozs..oz. .58 - —
large, cns.....100 ozs..oz. .62 - —
powd., cns.....100 ozs..oz. .54 - —
Sulphate, N.F., cns.100 ozs..oz. .38 - —

Cinchonine buyers must pay a surcharge of 3c. per oz., to cover present war risk insurance, higher ocean fright rates and other expenses ove the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 5-lb. bxs., lb. 3.90 - —
1 lb., bots.....lb. 3.42 - —
100 lbs., dms.....lb. 3.15 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .18½- .19
3 bls.....lb. .16½- .17
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Amboyna, bgs.....lb. .25 - .26
Madagascar, bls.....lb. .16½- .17
Zanzibar, bls.....lb. .16¾- .17¼
Clover tops, bgs.....lb. .32 - .35
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .71 - —
Carbonate, powd., bgs., works, lb. 1.38 - —
Chloride, kgs., wks.....lb. .76 - .80
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½% bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .13 - .13¼
Cocillana bark, bgs.....lb. .35 - .40
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz.20.00 -25.00
Colchicum seed, bgs.....lb. .40 - .45
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .55 - .56
Colombo root, bls.....lb. .15 - .16
Coltsfoot leaves, bgs.....lb. .15 - .16
Condurango bark, bgs.....lb. .12 - .13
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns....lb. .30 - .33
S. A., USP, cns.....lb. .36 - .37
Copper acetate, normal, bbls., dlvd..lb. .22 - —
smaller containers, dlvd..lb. .24 - —
Carbonate, 52-54%, bbls.....lb. .1610- —
Chloride, cryst., bbls.....lb. .16 - —
Cyanide, tech., bbls.....lb. .34 Nom.
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .11½- —
Nitrate, cryst., bbls.....lb. .16¼- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80%, bbls., tons, works..lb. .18¾ Nom.
Red, com'l., 80-88%, kgs., f.o.b. N.Y..lb. .20 Nom.
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .24½- .25½
Sulphate, 99% cryst., bbls., c.l., f.o.b. works..100 lbs. 4.60 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.95 - —
1-5 bbls., same basis, 100 lbs. 5.20 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 9.15 - 9.35
l.c.l. dealers.....100 lbs.10.15 -10.35
Copperas, cryst., gran., bgs., c.l., works..ton.18.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
5-24, works.....100 lbs. 1.65 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0170 Nom.
Coriander seed, Morocco, bgs..lb. .04¼- .04⅝
bleached, bgs.....lb. .06¾- .07¼
Corn sugar, Tanner's chipped, bgs., c.l., dlvd..100 lbs. 3.09 - —
slabs, bbls., c.l.....100 lbs. 3.01 - —
solid, bbls., c.l.....100 lbs. 3.13 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.12 - —
43°, bbls., c.l.....100 lbs. 3.17 - —
Cornsilk, bls.....lb. .11 - .12
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.19 - —
gran., powd., dms., 50 lbs. or more..lb. 2.04 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 32-36% potash, bgs., dlvd., unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .16 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .30¾- —
smaller lots, bbls.....lb. .31¼- —
kgs. .....lb. .31¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works...gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .09¾- —
l.c.l., same basis.....lb. .10¼- —
special resin grade, dms., c.l., works..lb. .08¾- —
l.c.l., same basis.....lb. .09¼- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28

4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs.....lb. .47 - .48
Culver's root, bls.....lb. .16 - .17
Cumin seed, Malta, bgs.....lb. No stocks
Morocco, bgs.....lb. .17¼- .17¾
Cypress, bgs.....lb. .17 - .17½
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04½- —
Cyanamide, 22% N_2, pulv., bgs., dlvd., contracts, N_2, unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .58 - —

D

Damiana leaves, bls.....lb. .24 - .30
Dandelion root, German, bls...lb. .42 - .45
Deertongue leaves, bls.....lb. .14 - .15
Degras common, dom., bbls...lb. .09 - .10
English, bbls.....lb. .09 - .10
neutral, dom., bbls.....lb. .15 - .18
English, bbls.....lb. .15 - .18

Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y., frt. equal'd, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs. to 10,000 lbs...lb. .26 - .30
1,000 lbs. to 2,000 lbs.....lb. .28 - .32
200 lbs. to 1,000 lbs.....lb. .30 - .34
4% rotenone prices are 6c. per lb. less.

Derris root, powd., contracts give no protection against decline in price. Part deliveries against contracts are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.60
15% rotenone, bulk, cns....lb. 2.25 - 3.25

Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.85 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¾ Nom.

Diacetone (see under Alcohol).

Diacetyl, bots.....lb.10.00 -11.00

Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., cl., dvld....lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —

Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —

Diamylene, dms., cl., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —

Diamylnaphthalene, dms., l.c.l, works..lb. .20 - —

Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —

Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -50.00
import, bgs., c.l., c.i.f.....ton.23.00 Nom.

Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .51 - .53
tanks, works.....lb. .48 - —

Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —

Dicalcium phosphate (see Calcium phosphate dibasic).

Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —

Dichloropentane, dms., c.l., works, lb. .0221- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —

Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —

Diethylamine, dms., l.c.l., works, lb. .70 - —

Diethylcarbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Phthalate, dms., c.l., frt. alld., lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —

Diethylanilin, dms.....lb. .40 - —

Diethyleneglycol, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works.lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —

Digitalis leaves, dms.....lb. .35 - .40

Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —

Di-isobutyl ketone, dms., works, lb. .19 - —

Dillseed, recleaned, bgs.....lb. .08 - .08½

Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —

Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —

Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —

Dimethylethyl carbinol (see Carbinol).

Dinitrobenzene, bbls., 80° min., lb. .18 - —

Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —

Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —

Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —

Dip oil (see Tar acid oil).

Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks .....gal. .38 - —

Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55

Diphenylamine, bbls.....lb. .31 Nom.

Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —

Diphenylmethane, bots.....lb. 1.40 - 3.00

Dimethylethyl carbinol (see Carbinol).

Doggrass root, cut, bls.....lb. .22 - .28

Dogwood bark, Jamaica, bls., lb. .08 - .10

Dovers powder, USP, cns.....lb. 2.75 - 2.80

Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. 1.00 - 1.05

Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns.....lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Green, FD&C green, No. 1, cns. lb.13.50 - —

Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 5.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 3 cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4 ,cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Black, D&C black, No. 1, lb. 8.35 - —
Blue, D&C blue, No. 6....lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns..lb.15.85 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C, red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 3, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —

Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Blue, Ext.D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext.D&C, green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C, red, No. 1, cns..lb.10.35 - —
Ext.D&C, red, No. 3.....lb.21.85 - —
Ext.D&C, red, No. 8....lb. 7.85 - —
Ext.D&C, red, No. 10, cns.. lb.12.35 - —
Ext.D&C, red, No. 11, cns. lb.12.35 - —
Ext.D&C, red, No. 13, cns.. lb.12.35 - —
Yellow, Ext.D&C, yellow, No. 1.. cns..lb. 8.35 - —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
34 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .80 - .95
176 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .56 - .70
394 Direct violet N.....lb. 1.25 - 1.35

Derris—Dyes, Coaltar

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
688 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. e. paste.lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .60
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

STAUFFER CHEMICALS

LIQUID CHLORINE

Stauffer offers a dependable supply of Liquid Chlorine to large tonnage users. Available in 16 or 30 ton tank cars, Stauffer Liquid Chlorine is of unquestioned quality and reflects the experience and specialized knowledge of Stauffer's technical staff.

OTHER STAUFFER PRODUCTS

BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : SULPHUR CHLORIDE : SILICON TETRACHLORIDE : CREAM OF TARTAR : SULPHURIC ACID : SULPHUR : TARTARIC ACID WHITING : TEXTILE STRIPPER : CAUSTIC SODA : CARBON BISULPHIDE

A DEPENDABLE SOURCE OF SUPPLY

Stauffer CHEMICALS

STAUFFER CHEMICAL CO.

2710 Graybar Bldg., New York, N. Y.
Carbide and Carbon Bldg., Chicago, Ill.
624 California St., San Francisco, Cal.
555 So. Flower St., Los Angeles, Cal.
424 Ohio Bldg., Akron, Ohio
Freeport, Texas • Apopka, Florida

Dyes, Coaltar—Gum, Batu

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives..lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green..lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
080 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .38 - .44
Blue:—
800 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base...lb. .90 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Dyes, coaltar, for stains, oil soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G...lb. .40 - .52
362 Bismarck Brown R...lb. .40 - .52
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene greeen B...lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .57 - .63
imported .....lb. .55 - .58
Elder flowers, bright, bls.....lb. .40 - .45
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots..oz.22.00 -23.00
Ephedra, bls.....lb. .12 - .13
Ephedrine, tins, 1,000 ozs.....oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Hydrochloride, tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs.....100 lbs. 1.90 - —
bbls.....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs. 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs. 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs. 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 3.85 - 4.00
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.36.00 - —
Sulphate, bots.....oz.36.00 - —
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .25 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs. lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
95-98%, dms., c.l., frt. alld.lb. .08¼- —
l.c.l., frt. alld.....lb. .08¾- —
tanks, frt. alld.....lb. .07¼- —
N.F., 400 lb. dms.....lb. .09½- —
cns., 35 lbs.....lb. .14 - —
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 gal. dms., dlvd., lb. .35 - —
Formate, cns., dms.....lb. .23 - .24
5 and 10 gal. dms., dlvd....lb. .75 - —
1 gal., cns.....lb. 1.00 - —
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
contracts, 500 lbs. or more, frt. alld..lb. .47 - —
500 lbs. or more, frt. alld.lb. .48 - —
100 to 499 lbs., frt. alld..lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0595- —
West of Rockies, same basis..lb. .0644- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0694- —
West of Rockies, same basis..lb. .0743- —
Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l., works, lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l.works, lb. .14½- —
l.c.l., works.....lb. .15½- .18½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11¼- —
l.c.l., dms.....lb. .12¼- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .80 - .85
Eucalyptus leaves, bls.....lb. .12 - .13
Eugenol, cns., dms.....lb. 2.25 - 2.30
Euphorbia, bls.....lb. .11 - .12

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons..ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .13 - .13½
French, bgs.....lb. .13¼- .13¾
German, large, bgs.....lb. .33 - .34
Fenugreek seed, bgs.....lb. .05½- .06
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .12½- —
smaller lots, works...lb. .13½- —
light, cs., 1,000 lbs. or over, works..lb. .13½- —
smaller lots, works....lb. .14½- —
water white, cs., 1,000 lbs. or over, works..lb. .14½- —
smaller lots, works....lb. .15½- —
Fir balsam, Canada, cns....gal.12.75 -13.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 4.25 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.59.00 - —
wet, acidulated, 6-7% ammon., 3% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 3.00 & .50
sardine, meal, Japanese, 11¼% ammon., bgs., c.i.f. ports, March shipt..ton.52.00 - —
spot..ton.52.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .18½- .19
Indian, blonde, bgs.....lb. .08½- .09
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.32.60 - —
washed gravel, 85.5 f.o.b. Ky. Ill.-Ky. mines..net ton.21.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill., mines..net ton.21.00 - —
imported, 85.5, duty paid, short ton.25.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.15.00 - —
import, bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .17¼
Fustic extract, cryst., bbls....lb. .24 - .25
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gambier, common, cases.....lb. .07 Nom.
plantation, cases.....lb. .10 Nom.
Cubes, Singapore, cases....lb. .09 Nom.
extract, bbls.. .....lb. .09½- .12
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06¼- .06½
65 octane and above, tanks, gal. .06¾- .0733
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U. S. Motor, bulk, gal. .05¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
63-67, 375 e.p., bulk, export, gal. .05½- —
70-72, 400 e.p., bulk, export, gal. .06 - —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
65-66 octane, tanks....gal. .04¼- .04½
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04⅞- .05¼
Oklahoma-Texas, US motor, 62 octane and below, tanks, gal. .03½- .03¾
third grade, tanks....gal. .03½- .03¾
63-66 octane, tanks....gal. .03¾- .03⅞
67-69 octane, tanks....gal. .03¾- .04
70-72 octane, tanks....gal. .04¼- .04½
U.S. Motor, 18-lb. v.p., tanks..gal. .05¼- .05¼
22-lb. v.p., tanks.....gal. .04¾- —
26-70 lb. v.p., tanks...gal. .04 - .04¼
below 60 octane, tanks.gal. .05 - —
65 octane, tanks.....gal. .07 - —
52-54 450 e.p., naphtha, tanks..gal. .05½- —
natural, 12-lb. v.p., tanks, gal. .02¼- .02⅝
14-lb. v.p., tanks.....gal. .01¾- .02
Gelatin, silver, cs.....lb. .42 - .43
Geisemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .14 - .15
grd., bbls., bxs.....lb. .16 - .17
powd., bbls., bxs.....lb. .17 - .18
Geraniol, cns., dms.....lb. .60 3.00
Ginger root, African, bgs....lb. .07¾- .08
Ginger root, African, bgs....lb. .08¼- .09¾
Cochin, leman, bgs.....lb. .09¼ Nom.
Jamaica, bold, bgs.....lb. .12 - .18
grinding, bright, bgs.....lb. .09 - .09½
medium, bgs.....lb. .11¼- .11¾
Japanese, bgs.....lb. .08¾- .09¼
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works.... 100 lbs. 1.05 - 1.25
less than 5 tons, works, 100 lbs. 1.15 - 1.35
Import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
36/38, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
58/82, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
82/108, bgs., c.l., dlvd....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —
hide, calcimine type, 58 millipoise, 135 jelly-grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs., c.l., same basis, lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis, lb. .22 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .13 Nom.
l.c.l., same basis....lb. .14 Nom.
tanks .....lb. .12 Nom.
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .09
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .08¼
Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots...oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs.....lb. .12 - .12½
Goldenseal, root, bls.....lb. 3.85 - 4.00
powd., bxs.....lb. 4.10 - 4.25
Grains of paradise, bgs.....lb. .38 - .39
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon., bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l., works....lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .04½- .04⅝
White .....lb. .05½- .05¼
Yellow .....lb. .04⅝- .04¾
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis..lb. .22 - —
11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis..lb. .23½- —
21-25%, bbls., same basis..lb. .24 - —
26-30%, bbls., same basis..lb. .24½- —
31-35%, bbls., same basis..lb. .25½- —
36-40%, bbls., same basis..lb. .27 - —
41-45%, bbls., same basis..lb. .28½- —
46-50%, bbls., same basis..lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
9-10%, bbls., same basis..lb. .06¾- —
11-13%, bbls., same basis..lb. .07¼- —
14-16%, bbls., same basis..lb. .07½- —
17-19%, bbls., same basis..lb. .07¾- —
20-21%, bbls., same basis..lb. .08 - —
22-23%, bbls., same basis..lb. .08¼- —
24-25%, bbls., same basis..lb. .08½- —
26-27%, bbls., same basis..lb. .08¾- —
28-29%, bbls., same basis..lb. .09¼- —
30-31%, bbls., same basis..lb. .10 - —
32-33%, bbls., same basis..lb. .11¼- —
34-35%, bbls., same basis..lb. .12¼- —
36-40%, bbls., same basis..lb. .14¼- —
41-45%, bbls., same basis..lb. .16¼- —
46-50%, bbls., same basis..lb. .16¾- —
51-55%, bbls., same basis..lb. .17¾- —
56-60%, bbls., same basis..lb. .17¾- —
61-65%, bbls., same basis..lb. .18¼- —
66-70%, bbls., same basis..lb. .19¼- —
71-75%, bbls., same basis..lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .26 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .26 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 1.90 - —
emerald, kgs.....lb. 2.05 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .80 - .85
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.65 - 1.67
Carbonate, flb., dms., 25 lbs..lb. 2.40 - 2.74
Guarana powd., cs.....lb. 1.20 - 1.25
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber, sorts, cleaned, bgs..lb. .12¼- .12⅝
white, sorts, 1, bgs.....lb. .33 - .35
2, bgs.....lb. .32 - .34
powd., bbls.....lb. .16¼- .18¾
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .20 - .21
Camphor (see C).
Chicle, prime, 33⅓% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
Copal, Congo, cloudy, white, bgs., c.l., same basis..lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13¾- —
10, rescraped hard amber, bold, bgs., c.l., same basis..lb. .13⅝- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .11⅜- —
12, selected bold sorts, bgs., c.l., same basis..lb. .10⅝- —
13, dark sorts bold, bgs., c.l., same basis..lb. .08½- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23⅜- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09¼- —
17, pale, fingers, bgs., c.l., same basis..lb. .17¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .17½- —
19, pale straw nubs., bgs., c.l., same basis..lb. .16¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .11⅝- —
21, ordinary selected nubs, c.l., same basis..lb. .10⅝- —
22, small mixed nubs, bgs., c.l., same basis..lb. .09⅞- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .10½- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis..lb. .09½- —
26, pale bld chips, bgs., c.l., same basis..lb. .10 - —
27, pale small nubs, bgs., c.l., same basis..lb. .09½- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold, scraped, bgs., c.l., same basis..lb. .06⅝- —
unscraped, bgs., c.l., same basis..lb. .05⅝- —
chips, bgs., c.l., same basis..lb. .05 - —
dust, bgs., c.l., same basis, lb. .04¾- —
nubs and chips, bgs., c.l., same basis..lb. .05 - —
black, bold, scraped, bgs., c.l., same basis..lb. .09⅝- —
unscraped, bgs., c.l., same basis..lb. .06⅝- —
nubs and chips, bgs., c.l., same basis..lb. .06¾- —

Gum, Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .13⅞- —
chips, bgs., c.l., same basis, lb. .07⅞- —
dust, bgs., c.l., same basis..lb. .04⅞- —
nubs, bgs., c.l., same basis..lb. .11⅞- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14⅝- —
chips, bgs., c.l., same basis, lb. .08⅜- —
dust, bgs., c.l., same basis, lb. .04¾- —
nubs, bgs., c.l., same basis, lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13⅞- —
light, bskts., c.l., same basis..lb. .15⅜- —
Loba A, bskts., c.l., same basis..lb. .14¼- —
B, bskts., c.l., same basis, lb. .13⅞- —
C, bskts., c.l., same basis, lb. .13½- —
CNE, bskts., cl., same basis..lb. .10¼- —
D, bskts., c.l., same basis, lb. .13¼- —
DK, bskts., c.l., same basis, lb. .10¼- —
dust, bskts., c.l., same basis..lb. .06⅞- —
Sambas and white split chips, bskts., c.l., same basis..lb. .15⅝- —
Singapore, dust, bskts., c.l., same basis..lb. .06⅞- —
spirit - soluble, CBB, bskts., basis..lb. .12⅝- —
DBB, bskts., c.l., same basis, lb. .12¾- —
MA, bskts., c.l., same basis, lb. .10⅜- —
MB, bskts., c.l., same basis, lb. .09⅞- —
WS, bskts., c.l., same basis, lb. .12¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .10¾- —
chips, pale, bskts., c.l., same basis..lb. .13½- —
pale, small, bskts., c.l., same basis..lb. .11¾- —
extra pale sorts, bskts., c.l., same basis..lb. .12¾- —
nubs, bskts., c.l., same basis..lb. .14¼- —
pale, scraped, bskts., c.l., same basis..lb. .15⅝- —
seeds and dust, bskts., c.l., same basis..lb. .08¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15½- —
mixed, bgs., c.l., same basis, lb. .14½- —
split, bgs., c.l., same basis, lb. .13½- —
Gums, copal, pontianak, chips, bgs., c.l., same basis..lb. .08⅜- —
nubs, bgs., c.l., same basis, lb. .10¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21⅝- —
A/D, cs., c.l., same basis..lb. .13⅞- —
A/E, cs., c.l., same basis..lb. .12⅝- —
B, cs., c.l., same basis.....lb. .20⅛- —
C, cs., c.l., same basis.....lb. .14⅝- —
D, cs., c.l., same basis.....lb. .13¼- —
dust, cs., c.l., same basis..lb. .07⅝- —
E, cs., c.l., same basis.....lb. .10 - —
F, cs., c.l., same basis.....lb. .08 - —
Singapore 1, cs., c.l., same basis..lb. .16⅞- —
2, cs., c.l., same basis....lb. .12⅝- —
3, cs., c.l., same basis....lb. .07⅛- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis, lb. .07⅛- —
seeds, cs., c.l., same basis, lb. .09⅞- —
Elemi, cns., c.l., same basis as copal..lb. .10⅛- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del. and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs....lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
Western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l., lb. .06¾- .07
dlvd. elsewhere, 75,000 lbs., contrs. or straight, c.l...lb. .07- .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.50 - 1.60
Gamboge, pipe, cs.....lb. .70 - .75
powd., bbls.....lb. .75 - .80
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14 - .33
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, c.s., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17⅜- —
Kino, tins.....lb. 4.00 - 4.50
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .85 - .90
Myrrh, USP, cs.....lb. .60 - .65
Olibanum, siftings, cs.....lb. .08 - .12
Tears, cs.....lb. .15 - .25
Opium (see O).
Rosin (see R).
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs.....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.15.00 -15.25
Tragacanth, Alleppo, 1, cs...lb. 2.65 - 2.70
2, cs.....lb. 2.55 - 2.60
3, cs.....lb. 2.45 - 2.50
flake, bgs.....lb. No prices
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kans., frt. equaled..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Acme, Tex., frt. equald.ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
f.o.b. Southard, Okla., frt. equald..ton.12.50 - —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bags., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock.....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .28 - .30
Heliotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls. lb. .16 - .17
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03⅜- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks, works.....lb. .03 - —
Hempseed, Manchur, bgs.....lb. .07 - .07½
Henbane, leaves, bls.....lb. .50 - .60
Henna leaves, bls.....lb. .15 - .16
powd., bbls., bxs.....lb. .17 - .18
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l. Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
Normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs..oz.13.00 -13.25
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - 2.75
Hops, N. F., bls.....lb. .20 - .21
Horehound, bls.....lb. .12 - .13
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.21.75 - —
Hydrastine, 15 grs., bots....bot. 1.95 - —
Hydrastine (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. .03⅜- .04
100 vols., cbys., E. of Miss. River..lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.55.00 -72.00
Hydrochloride, bots.....oz.59.00 -60.00
Hyoscyamine, 5 gr., bots.....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, ext. liquid, 51°, bbls., lb. .14 - —

I

Iceland moss, bls.....lb. .18 - .20
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs., less 5%.....lb. 1.21 - —
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
tincture, USP, bbls., 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.40 - 1.45
Irish moss, ordinary, bls.....lb. .15 - .16
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .28 - .30
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07¼- —
kegs.....lb. .08½- —
USP solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns.....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Iron glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, djns.....lb. .39 - —
bots.....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, 200-lb. bbls.....lb. .35 - —
25-lb. bxs.....lb. .40 - —
100-lb. kgs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .95
Iron sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .35 - .38
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs....lb. .30 - —
fib. dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib. dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutylacetate, 55-gal. dms., works..lb. .069 - —
tanks, works.....lb. .059 - —
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isophorone, dms., works.....lb. .23 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .10½- —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07 - —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .07½- —
tanks, E. of Rockies, frt. alld..lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gal., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt alld., gal. .29 - —

J

Jarborandi leaves, bls.....lb. .11 - .13
Jalap root, NF, bls.....lb. .35 - .40
powd., bbls., bxs.....lb. .40 - .45
resin, lump, 100 lb. lots, cns.lb. 5.75 - —
powd., bxs.....lb. 5.80 - —
Juniper berries, bgs.....lb. .12 - .12

K

Kamala, tins.....lb. .42 - .43
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0560- —
Gulf ports, p.w., bulk.....gal. .07⅝- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04⅜
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞- .04
42-44 w.w., tanks.....gal. .04 - .04¼
Pennsylvania, 45 w.w., tanks, gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04⅝- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta.....gal. .12 - —
Boston.....gal. .08¼- —
Chicago.....gal. .10 - —
Cincinnati.....gal. .13 - —
Denver.....gal. .11½- —
Louisville.....gal. .10 - —
Minneapolis.....gal. .104 - —
New Orleans.....gal. .11 - —
New York.....gal. .09 - —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No Prices
Kola nuts, bgs.....lb. .12 - .13

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 6.00 - 6.25
Middlewestern, trcs....100 lbs. 6.25 - 6.30
Neutral, trcs.....100 lbs. 7.00 - 7.25
Western, choice, trcs..100 lbs. 6.30 - 6.40
Compound, trcs.....100 lbs. 9.50 - 9.75
Larkspur seed, bgs.....lb. 1.00 - 1.10
Laurel berries, bls.....lb. .23 - .26
Leaves, Greek, bls.....lb. .05¼- .05⅝
Lavender flowers, ordinary, bls.lb. .38 - .39
medium, bls.....lb. .43 - .44
select, bls.....lb. .53 - .54
Lead acetate, white, broken, bbls. lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l.....lb. .08½- .11
l.c.l., bgs., c.l.....lb. .09 - .11½
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 2d lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic, sulphate, bbls., c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06½- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .40 - —
Iodide, NF V, powd., 5 lb. bots..lb. 2.66 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms.lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lbs. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .08 - —
other points.....lb. .07¾- —

Gum, Hiroe—Lime, Hyd.

Lead, red, dry, 95% or less, Pb_3O_4, l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.....lb. .08½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.....lb. .09 - —
Colo., Mont., N. Mex., Wyo..lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, Ala., etc.lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc., lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc.lb. .06¼- —
other points.....lb. .08¼- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
l.c.l., smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
in oil, 90% min., 100-lb. kgs., lb. .13½- —
Resinate, fused 15%, bbls....lb. .06½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .20 - —
Sulphate (see Lead, white basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .13½- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld., lb. .13½- —
Pac. Cst., ex whse....lb. .10½- —
White, dry, basic, carbonate, bbls., c.l., dlvd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07½- —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
l.c.l., dlvd., Ariz., etc. lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers, lb. .12¾- —
dealers.....lb. .10¾- —
painters.....lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l. same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l. same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms. c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l. same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l. same basis..lb. .37½- —
l.c.l. same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —

Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms., prices are 1c. per lb. less.

Lemon peel, bls.....lb. .13 - .15
Licorice extract, mass., cs.....lb. .18 - .19
powd., bbls.....lb. .24 - .25
root, cuttings, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .11 - .12
select, bndls., cs.....lb. .27 - .30
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bags, f.o.b.
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —

Lime, Hydrated—Myrobalans

Lime, hydrated, paper bags, f.o.b.
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio.....ton.11.00 - —
Lime Crest, N. J.....ton. 8.50 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .07½- —
30-50 dms.....gal. .10½- .14½
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd, gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States, Zone 3, Ark., Ohio., Ind., Ill., Ia., Ky., Wis., Minns., Mo., and Tenn. west of Tenn. River; Penn, eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns.....lb. 2.00 - 3.00
Linden flowers, with leaves, bls.lb. .32 - .35
without leaves, bls.....lb. .30 - .35
Linseed cake, bags, export...ton.26.50 -27.00
meal, 34%, bgs.....ton.34.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07 - —
dlvd., other points....lb. .06¾- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore., and Wash..lb. .07½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Colo., Mont., N. Mex., Wyo..lb. .07¾- —
other points.....lb. .07½- —
smaller lots, dlvd., Ala...lb. .08 - —
Ariz., etc.....lb. .08½- —
Colo., etc.....lb. .08¼- —
Other points.....lb. .07¾- —

Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb. bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —

Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05 - —
smaller lots.....lb. .05¼- —
bbls., c.l. (20 tons).....lb. .05¼- —
smaller lots.....lb. .05½- —
ordinary, bgs., c.l. (20 tons).lb. .0360- —
smaller lots.....lb. .0385- —
bbls., c.l. (20 tons).....lb. .0385- —
smaller lots.....lb. .04¼- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .50 - .51
Lobelia, herb, bls.....lb. .13 - .14
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .20 - .24
liquid, 51°, bbls.....lb. .10½- .12½
solid, bxs.....lb. .16½- .20½
Lovage root, dom., bls.....lb. .55 - .56
imports, bls.....lb. .45 - .60
Lupulin, N. E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.00 - 4.10

M

Mace, Banda, cs.....lb. .58 - .60
Batavia, cs.....lb. .30 - .31
Siauw, cs.....lb. .45½- .46
Madder, Dutch, bbls.....lb. .22 - .26
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., U.S.P., bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06½- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07½- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06½- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08¼- —
kgs.....lb. .09½- —
U.S.P., Zone 1, c.l., bgs..lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Magnesia carbonate, U.S.P., Zone 1, l.c.l., bgs..lb. .09 - —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09¾- —
bbls.....lb. .09½- —
kgs.....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., C.l., shipments ,full fr't alld. up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipments, fr't alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, anhy., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., ton.82.00 - —
l.c.l., bbls., wks.....ton.89.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11½
Stearate, bbls., ctns., c.l.....lb. .24 - —
1 ton.....lb. .25 - —
1,000-2,000 lbs.....lb. .26 - —
smaller lots.....lb. .27 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.58.00 -62.00
Import, bgs., duty paid...ton.58.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots.....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .50
blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .19 - .20
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .12 - .13
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .10 - —
Chloride, bbls.....lb. .08½ Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.69.00 - —
5-15 tons, works.....ton.72.00 - —
½ 4 tons, works....ton.77.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
l.c.l., 5 tons, works...ton.69.50 - —
smaller lots, works..ton.74.50 - —
burlap bgs., c.l., works.ton.64.25 - —
l.c.l., 5 tons, works..ton.67.25 - —
smaller lots, works.ton.72.25 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works..ton.65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 1.80 - —
smaller lots.....lb. 2.00 - —
cns., 25 lbs.....lb. 2.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.55 - —
jars, 25 lbs.....lb. 5.70 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .50 - —
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, works..lb. .08 - .08½
single bbls., works.....lb. .08¼- .08¾
fertilizer, 65%, $MnSo_4$, bgs., c.l., dlvd., South..ton.52.00 - —
l.c.l., bgs.....ton.59.00 -73.25
Mangrove bark, bgs., shipt...ton.32.00 - —
Manna flake, large, cs.....lb. .70 - .75
small, cs.....lb. .50 - .55
Mannitol, com'l grade, 99% pure, ton lots, works..lb. .42 - —
250 lbs., bbls., works.....lb. .50 - —
reagent grade, 25-lb. tins, 100-lb. lots, works..lb. .95 - —
50-lb. lots, works.....lb. 1.00 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .25½- .26
Tunisan, bls.....lb. .26 Nom.
Chilean, bls.....lb. .18 - .19
Matico leaves, bls.....lb. .30 - .32
Menthol, USP, natural, cs.....lb. 3.60 - —
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.34 - —
25 lbs.....lb. 1.36 - —
50%, pails, 50 lbs.....lb. 1.94 - —
25 lbs.....lb. 1.96 - —
Mercury (see Quicksilver)
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 2.82 - —
100-lb. fib., dms.....lb. 2.69 - —
25-lb. jars.....lb. 2.71 - —
Chloride (see Calomel).
Iodide, red, N.F., 5-lb. bots..lb. 4.71 - —
100-lb. fib. dms.....lb. 4.60 - —
yellow, 5-lb. bots.....lb. 4.81 - —
fib. dms., 100 lbs.....lb. 4.73 - 4.75
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F., (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, dom., tech., bbls...lb. .2.66 - —
USP, fib., dms., 50 lbs. or more..lb. 3.18 - —
Mercury and chalk, 5-lb. ctns..lb. 1.85 - —
25-lb. fib., dms.....lb. 1.73 - 1.75
fib., dms., 25 lbs.....lb. 1.60 - 1.65
Mesityl oxide, cns., works.....lb. .20½- .23½
dms., c.l., dlvd.....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
tanks, dlvd.....lb. .15 - —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅝x5⅞ in.....pkg.22.50 -23.00
3⅞x5⅞ in.....pkg.24.50 -25.00
Silver, 3¼x3¾ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.80 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, producer group A, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

Methanol, natural, producer group B, pure, tanks, frt. alld.,
Zone 1.....gal. .33 - —
Zone 2.....gal. .35½- —
Zone 3.....gal. .36½- —
Zone 4.....gal. .37 - —
dms., c.l., Zone 1....gal. .38 - —
Zone 2.....gal. .41 - —
Zone 3.....gal. .42 - —
Zone 4.....gal. .44 - —
dms., l.c.l., Zone 1...gal. .40½- —
Zone 2.....gal. .47 - —
Zone 3.....gal. .44½- —
Zone 4.....gal. .60 - —
95%, frt. alld., prices 2c. less than pure, all zones.
97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Tenn., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb. N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los. A., San Fran., Seattle, Wash., Portland, Ore., Zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex, Ore., Utah, Wash.

synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. ald...gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn. Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt Va W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3 Los Angeles, Cal.; San Francisco, Cal.; Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd., E. of Miss. R. lb. .07½- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, producer group A, dms., c.l..gal. .41 - —
l.c.l. .....gal. .44 - —
tanks .....gal. .35 - —

Methyl acetone prices are frt. alld., east of Rocky Mts. Prices on Pacific Coast are 5c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Natural, producer group B, tanks, Zone 1..gal. .35 - —
Zone 2.....gal. .37½- —
Zone 3.....gal. .38½- —
Zone 4.....gal. .39 - —
dms., c.l., Zone 1.....gal. .41 - —
Zone 2.....gal. .44 - —
Zone 3.....gal. .45 - —
Zone 4.....gal. .47 - —
dms., l.c.l., Zone 1.....gal. .44 - —
Zone 2.....gal. .50½- —
Zone 3.....gal. .48 - —
Zone 4.....gal. .63½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wisc. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los. A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Acetone, synthetic, dms., c.l., E. of Rockies..gal. .44 - —
W. of Rockies.....gal. .48 - —
l.c.l., E. of Rockies...gal. .47½- —
W. of Rockies.....gal. .51½- —
tanks, E. of Rockies.....gal. .36 - —
W. of Rockies.....gal. .39½- —
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.25
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Bromide, cyl.....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 1.75 - 2.00
Formate, dms.....lb. .80 - —
Lactate, dms., l.c.l., dlvd...lb. .80 - —
Iodide, bots.....lb. 3.63 - 3.82
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .88 - —
permanent, bbls.....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 100 lbs. or more, frt. alld..lb. .70 - —
less than 100 lbs., works..lb. .75 - —
Methylcyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .20 - —
Methylcylohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .19 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.28.00 -44.00
Methylhexyl ketone, dms., tech., works..lb. .80 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
l.c.l., works.....gal. .80 - —
smaller containers, works..gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp., bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, l.c.l., same basis..ton.20.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs. extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
refined, bgs. extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l. works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs. extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works..lb. .03 - —
roofing, bgs. extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E—lb. .04½- —
l.c.l., ex-Whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex-whse., or frt. alld. E..lb. .04⅝- —
rubber, bgs., c.l., frt. alld. E., lb. .04½- —
l.c.l., ex-whse., or frt. alld. E..lb. .04⅝- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .03 - .03½
early fortune, bgs.....lb. .03 - .03½
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .05½- .06
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Mo. content, works..lb. 1.00 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., c.l., wks., lb. .53 - —
l.c.l., works.....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., wks., lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works, lb. .65 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 oz.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs. oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .14
flowers, cns.....lb. 1.45 - 1.50
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth, ambrette, cns., 100 lbs. or more..lb. 3.65 - —
5 lbs. to 75 lbs.....lb. 3.80 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more. lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more. lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .40 - .45
Mustard seed, California, brown. bgs..lb. .09 - .09½
Danish, yellow, bgs.....lb. .12 - .12½
Dutch, yellow, bgs.....lb. .10½- .11
English, yellow, bgs.....lb. No stocks
Roumanian, yellow, bgs....lb. .09½- .10
Myrobalans, J1, bgs., f.a.s...ton.29.00 - —
J2, bgs., f.a.s.....ton.24.00 - —
Extract, liquid, 25%, bbls.....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters, (see Petroleum naphtha V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 Nom.
bgs., bbls., l.c.l., works, 100 lbs. 2.50 Nom.
78 deg., bgs., c.l., works, 100 lbs. 2.50 Nom.
l.c.l., works.....100 lbs. 2.75 Nom.
import, bgs., c.l.f.....100 lbs. 3.00 - —
Refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06 - —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100-lb. dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½- and 40 sec. vis., bbls., works, lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls..lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.95 - —
f.o.b. Chemical, Ill., unit-ton. 1.95 - —
East Coast producing points..unit-ton. 2.50 - —
import, bgs., c.l.f. Atlantic ports, shipt..unit-ton. 2.45 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs....lb. .20 - .32
Chinese .....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .22 - .22½
110s, bgs., cs.....lb. .20 - .20½
West Indian, bgs.....lb. .11¼- .11⅝
Nux vomica, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks .....lb. .02⅝- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.10
s.p.a., bots.....lb. 2.10 - 2.20
sweet, true, exp., cns....lb. .85 - .90
Amber, crude, cns.....lb. .19 - .20
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.42.00 -45.00
seed, bots.....lb.70.00 -75.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .68 - .70
Apricot, kernels, cns.....lb. .40 - .41
Babassu, tanks.....lb. .06½- —
Bay, W. I., 50-55% phenols, cns..lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 5.00 - 5.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 - .26
rectified, cns.....lb. .75 - .80
Bois de rose, Brazil, cns....lb. 1.65 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cadjeput, tech., dms.....lb. .61 - .62
USP, IX, cns.....lb. .71 - .72
Calamus, cns.....lb. 8.25 - 8.50
Camphor, sassafrassy, cns....lb. .39 - .40
dms. .....lb. .36 - .37
white, cns.....lb. .52 Nom.
dms. .....lb. .50 Nom.
Cananga, native, cns.....lb. 1.60 - 1.65
rectified, cns.....lb. 1.85 - 2.00
Capsicum (oleoresin) N. F. VI, cns..lb. 2.50 - 2.75
Caraway, USP, cns.....lb. 3.00 - 3.25
Cardamon, bots.....lb.15.00 -16.00
Cassia, USP, cs., dms.....lb. 1.30 - 1.35
Castor, blown, one-way dms., c.l...lb. .14¾ Nom.
l.c.l. .....lb. .15¼- —
cold pressed, USP, bbls., cl., lb. .13¼ Nom.
l.c.l. .....lb. .14 - —
cns. (1-gal.), l.c.l.....lb. .17 - —
dms. (returnable), c.l...lb. .13 Nom.
l.c.l. .....lb. .13¾- —
(5-gal.), l.c.l.....lb. .15 - —
tanks .....lb. .12½ Nom.
extracted No. 3, tech., bbls., c.l..lb. .12¾ Nom.
l.c.l. .....lb. .13¼- —
dms. (returnable), c.l.....lb. .12½ Nom.
l.c.l. .....lb. .13¼- —
tanks .....lb. .12 Nom.
dehydrated, dms., c.l.....lb. .181 Nom.
l.c.l. .....lb. .185 - —
tanks .....lb. .17½ Nom.

Castor oil, med. and No. 3, prices are dlvd. all points between N.Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums, ¼c. higher, all points.

sulphonated, 50% (43% fat), dms., c.l..lb. .082 - —
l.c.l. .....lb. .092 - —
75% (63% fat) dms., c.l..lb. .10¾- —
l.c.l. .....lb. .11¾- —
80% (68% fat), dms., c.l..lb. .11 - —
l.c.l. .....lb. .12 - —
Oil, cedarleaf, cs.....lb. .90 - .95
dms. .....lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .19 - .23
Celery, bots.....lb. 9.00 -10.00
Chaulmoogra, USP, cns., 500 lbs. lb. 1.00 - —
25 lbs.....lb. 1.25 - —
Chinawood, dms.....lb. .27 - .28
tanks .....lb. .26 - .27
Cinnamon, Ceylon, bots.....lb. 9.25 -25.00
Seychelle, bots.....lb. 7.25 - 8.00
Citronella, Ceylon, cns.....lb. .42 - .43
dms. .....lb. .40 - .41
Java, cns., dms.....lb. .39 - .40
Clove, makers, USP, cns....lb. 1.25 - 1.30
dms. .....lb. 1.20 - 1.25
Coconut, Manila, crude, tanks, lb. .03¼- —
Coconut, edible, 76°, tax incl. dms. (returnable), c.l..lb. .03⅝- —
l.c.l. .....lb. .09¼- —
tanks .....lb. .07⅝- —
Cod, Newfoundland, shipt., un-untanked..gal. .65 Nom.
Norwegian, shipt., bbls...gal. .63 Nom.
Codliver, med., USP, bbls..bbl.32.00 -35.00
Coriander. bots.....lb.11.50 -12.50
Corn, crude, tanks, wks.....lb. .06¾- .06⅝
refd., bbls.....lb. .08⅝- .08⅞
Cottonseed, cooking, bbls.....lb. .08⅝- —
salad, bbls.....lb. .09¼- —
import, Brazilian, semi-refd., bulk..lb. .0435 Nom.
Creosote (see C).
Croton, N.F., cns.....lb. 2.00 - 2.25
Cubeb, USP, cns.....lb. 3.50 - 3.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 7.50 - 8.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 2.10 - —
California, 24 plus, bulk...bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.60 - 3.85
Dip (see L).
Erigeron, cns.....lb. 2.00 - 2.25
Eucalyptus, cns.....lb. .69 - .72
dms. .....lb. .66 - .69
Fennel, sweet, cns.....lb. 2.25 - 8.00
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .90 - .95
Louisiana, Arkansas, 10-14.bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.50 - —
Tuesday .....bbl. 1.50 - —
Wednesday .....bbl. 1.50 - —
Thursday .....bbl. 1.50 - —
Friday .....bbl. 1.50 - —
Saturday .....bbl. 1.50 - —
North Texas, 18-22.....bbl. .75 - .85
24-28, zero cold test....bbl. 1.00 - 1.10
Oklahoma, 18-22.....bbl. .75 - .85
24-28, zero cold test....bbl. 1.00 - 1.05
24-28, 15 and above.....bbl. .80 - .85
Pennsylvania, 3640.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .0510- .06
2, bulk, same basis....gal. .05¼- .06¼
4, bulk, same basis....gal. .0510- .06
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¼- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03⅝- .03½
36-38 .....gal. .03⅝- .03⅞
38-40 zero, 60 e.p.....gal. .03⅜- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02⅝- —
Oklahoma, bulk.....gal. .03 - —
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 2.75 - 3.10
Bourbon, cns.....lb. 2.40 - 3.10
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.75 - 1.80
Grapeseed, dms.....lb. .40 - .45
Ginger, dist., bots.....lb. 5.00 - 5.50
Guaiac wood, concrete, bots..lb. 2.50 - 2.55
Haarlem, import, bots....gross. 5.00 - 5.50
Hemlock, cns.....lb. 1.00 - 1.25
Juniper berry, USP, cns.....lb. 2.00 - 2.25
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lbs., dms..lb. .53 - .58
cns. .....lb. .55 - .60
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08¼- —
extra, bbls.....lb. .08¾- —
1, bbls.....lb. .08⅝- —
Winter, strained, extra, bbls. lb. .09 - —
prime, burning, bbls.....lb. .09¾- —
prime, lned., bbls.....lb. .09¼- —
Laurel, bots.....lb. 4.50 - 4.60
Lavandin, cns., 25 lbs.....lb. 2.15 - 2.20
Lavender flower, French, 50% ester, cns..lb. 5.25 - 5.30
38-42% ester, cns.....lb. 4.00 - 4.05
35-38% ester, cns.....lb. 2.75 - 2.80
30-32% ester, cns.....lb. 2.50 - 2.60
garden, cns.....lb. .42 - .45
spike, Spanish, tech, cns...lb. 1.20 - 1.25
dms. .....lb. 1.15 - 1.20
Lemon, Calif., cns.....lb. 3.00 - —
Messina, coppers, cns....lb. 3.75 - 4.50
Terpeneless, Type 1.....lb.10.75 -16.50
Type 2.....lb. 8.50 -14.50
Lemongrass, native, cns., dms. lb. .70 - .73
Lime, dist., cns.....lb. 3.60 - 4.25
expressed, cns.....lb. 7.25 - 7.50
Terpeneless, Type 1.....lb.42.00 -46.50
Type 2.....lb.60.00 -78.00
Linaloe wood, cns.....lb. 1.50 - 1.60
Linseed, raw, bbls., c.l.....lb. .1080- .1100
l.c.l., 10 to 69.....lb. .1120- .1130
5 to 9.....lb. .1140- —
less than 5.....lb. .1160- —
tanks .....lb. .1020- .1040
Boiled linseed oil .004 cents over raw.
Lovage, bots.....lb.41.25 60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.....gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D. color 4, 0-10 pour, tanks..gal. .25 - —
15-25 pour, tanks..gal. .26 - —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .26 - —
15-25 pour, tanks..gal. .24 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .25 - —
190-200 D, color 4¾, 15-25 pour, tanks..gal. .26 - —
neutrals, 0-10 pour, 150 vis., 3 colors, tanks..gal. .12 - —
180 vis., 5 color, tanks.gal. .14½- —
4 color, tanks.....gal. .14 - —
200 vis., 3 color, tanks.. gal. .15½- —
4 color tanks....gal. .15 - —
250 vis., 3 color, tanks.. gal. .16 - —
Oil, lubricating, Okla., neutrals, 250 vis., 4 color, tanks, gal. .15½- —
280 vis., 3 color, tanks.. gal. .17½- —
4 color, tanks....gal. .17 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600, 10-15 pour, tanks..gal. .28 - .32
25 pour, tanks..gal. .30 - .33
cylinder, 600 fire, tanks, gal. .17 - —
600 flash, tanks.....gal. .21 - —
630 flash, tanks.....gal. .23 - —
635 fire, tanks.....gal. .19 - —
650 fire, tanks.....gal. .20 - —
Warren, E, amber, tanks, gal. .23 - —
Warren, E, neutral, 150 vis., 3 color, tanks..gal. .25 - .27
180 vis., 3 color, tanks.gal. .27 - .29
200 vis., 2 color, tanks.gal. .27 - .32
spot, Penna., bright, bbls., c.l., f.a.s..gal. .28 - —
unfiltered, 600 s.r....bbls., f.a.s..gal. .23 - —
600 flash, s.r., bbls., c.l. gal. .25 - —
Penna., 630 flash, bbls., c.l., f.a.s..gal. .28 - —
Warren, E., bbls., c.l., f.a.s., gal. .26 - —
smaller lots, f.o.b..gal. .27 - —
Mace, dist., cns., dms.....lb. 1.90 - 1.95
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .34 Nom.
refd., alkali, dms.....lb. .0810- —
tanks .....lb. .0690- —
blown, dms.....lb. .0830- —
kettle-boiled, dms.....lb. .0930- —
light-pressed, dms.....lb. .0750- —
tanks .....lb. .0690- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.60 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
Neatsfoot, 20° cold test, bbls., lb. .17¾- —
extra, bbls.....lb. .08⅝- —
1, bbls.....lb. .08½- —
pure, bbls.....lb. .13¾- —
prime, bbls.....lb. .08⅝- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.100.00 -150.00
Nutmeg, USP, cns., dms.....lb. 1.90 - 1.95
Oiticica, dms.....lb. .19½- .20½
Oleo, 1, bbls.....lb. .07¾- —
2, bbls.....lb. .07½- —
Oilbanum, bots.....lb. 5.00 - 5.25
Olive, denat., dms.....gal. .95 - .96
edible, dms.....gal. 1.85 - 1.95
foots, dms.....lb. .08⅜- —
sulphonated, 50% (42% fat), dms., c.l..lb. .09 - —
l.c.l. .....lb. .10 - —
75% (63% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .13 - —
80% (68% fat), dms., c.l..lb. .122- —
l.c.l. .....lb. .132- —
Orange, sweet, dist., cs.....lb. .90 - —
Orange, expressed, African, cns., dms..lb. 1.10 - 1.15
Calif. cns.....lb. 1.60 - —
Florida, cns.....lb. 1.20 - 1.25
Mesina, USP, coppers...lb. 3.80 - 5.00
West Indies, cns.....lb. 2.20 - 2.30
terpeneless .....lb.68.00 -69.00
Origanum, cns.....lb. 1.10 - 1.65
Orris, Florentine, concrete, extra strong, bots..oz. 5.50 - 6.00
Palm, Niger, dms.....lb. .04⅝- —
shipment .....lb. .04 - —
softs, 12⅛%, bulk, shipt....lb. .03 - —
Sumatra, shipt., bulk.....lb. .03 Nom.
Palmarosa, cns.....lb. 2.25 - 2.50
Palmkernel, bulk, shipt.....lb. No prices
Paraffin, 320° flash, 60-70 vis., tanks, G 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05⅜- —
Patchouli, bots., cns.....lb. 4.60 - 7.00
Peanut, crude, dom., tanks..lb. .06½ Nom.
refd., edible, bbls.....lb. .09⅜- .09⅝
Pennyroyal, dom., cns.....lb. 3.00 Nom.
import, cns.....lb. 2.75 - 2.80
Peppermint, natural, cns., dms., lb. 2.75 - 3.00
redist., USP, cns., dms....lb. 3.00 - 3.25
Perilla, dms.....lb. .21 Nom.
tanks .....lb. .20 Nom.
Petitgrain, Paraguay, cns....lb. 1.55 - 1.60
Pimento berry, cns.....lb. 4.35 - 7.25
leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .53 - .56
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns....lb. 1.20 - 1.25
Putty, bbls., E. Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .17 - .17⅛
denat., bbls.....gal. 1.00 - 1.05
Red, dist. or saponif., dms., dlvd..lb. .08 - .09
tanks, dlvd.....lb. .07½- —
Rose, artif., bots.....oz. 2.00 - 2.25
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .75 - .80
dms. .....lb. .70 - .75
Rosin, 1st rectfd., dms.....gal. .50 - —
2d rectfd., dms.....gal. .52 - —
3d rectfd., dms.....gal. .56 - —
Rue, bots.....lb. 3.00 - 3.25
Sage, cns.....lb. 2.75 - 3.00
Sandalwood, E. I., USP, cns..lb. 5.25 - 5.50
Mysore, cns., case lots....lb. No prices
Sardine, crude, tanks, Pac. Cst., gal. .37 Nom.
refd., alkali, dms.....lb. .0810- —
tanks .....lb. .0750- —
kettle-boiled, dms.....lb. .0930- —
light-pressed, dms.....lb. .0750- —
tanks .....lb. .0690- —
Sassafras, artif., cns.....lb. .73 - .74
dms. .....lb. .70 - .71
natural, cns., dms.....lb. 1.20 - 1.25
Savin, cns.....lb. 3.15 - 3.20
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dom., dms....lb. .16 Nom.
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms...lb. .06¾- .07⅜
tanks .....lb. .06 Nom.
refd., dms.....lb. .07¾- .08¼
tanks .....lb. .07 - .07½
Spearmint, dms.....lb. 2.15 - 2.20
Sperm, bleach, 38° dms.....lb. .1030- —
45°, dms.....lb. .0960- —
natural, dms.....lb. .0910- —
Spruce, cns., dms.....lb. 1.00 - 1.25
Sweet, birch, North, cns.....lb. 2.25 - 2.65
South, cns.....lb. 1.45 - 1.50

Naphtha—Paraffin

Oil, tall, crude, dms., c.l., works, ton.40.00 - —
l.c.l., works.....ton.45.00 - —
tanks, works.....ton.30.00 - —
refined, dms., c.l., works...lb. .04 - —
l.c.l., works.....lb. .04½- —
tanks, works.....lb. .03½- —
Tallow, acidless, bbls.....lb. .08¼- —
tanks .....lb. .07¾- —
Tansy, cns.....lb. 6.25 - 6.50
Tar, pine, com'l, dms., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .59 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .12 Nom.
Tea Tree (see Oil, Ti tree).
Thyme, NF, red, dms.....lb. .80 - 1.75
white, dms.....lb. .95 - 1.95
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.50 - 2.60
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 7.50 Nom.
Valerian, bots.....lb. 8.00 - 9.00
Vetiver, bots.....lb. 8.50 -15.00
Whale, refd., natural, dms..lb. .0910- —
winter, bleach, dms.....lb. .0950- —
Wheat germ, cns., dms....gal.17.50 -20.00
White, mineral, dom., dms., tech., 50-60 vis., dms.gal. .33 - .34
65-75 vis., dms.....gal. .40 - .46
80-90 vis., dms.....gal. .41 - .47
USP, 80-90 vis., dms.....gal. .44½- .50
95-105 vis., dms.....gal. .57 - .58
125-135 vis., dms.....gal. .64½- .65¼
140-150 vis., dms.....gal. .67 - .69
175-185 vis., dms.....gal. .72½- .73¼
200-210 vis., dms.....gal. .74½- .75¼
320-330 vis., dms.....gal. .78 - .81
335-345 vis., dms.....gal. .81 - .82
Russian, 80-90 vis., dms.gal. No prices
145-155 vis., dms.....gal. No prices
175-185 vis., dms.....gal. No prices
335-345 vis., dms.....gal. No prices
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 4.25 - 4.30
Wormwood, cns.....lb. 6.00 - 6.25
Ylang-ylang, Bourb., bots., cns. lb. 2.50 - 2.75
Manila, bots.....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 325 mesh, c.l., mines, ton.20.00 - —
200 mesh, c.l., mines....ton.17.00 - —
100 mesh, c.l., mines....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
Opium USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11¼- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points.....lb. .10¾- —
Smaller lots, dlvd., Ala., etc. lb. .11¼- —
Ariz., etc.....lb. .12 - —
Colo., Mont., N. M., Colo., Mont., N. M., Wyo..lb. .11¾- —
Other points.....lb. .11¼- —
French, Tours, casks, ex dock, lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .50 - .65
Orange peel, bitter, bls.....lb. .09 - .10
sweet, bls.....lb. .15 - .16
Orris root, Florentine, bgs.....lb. .14 - .17
fingers, cs.....lb. 1.15 - 1.20
powd., bbls., bxs.....lb. .21 - .22
Verona, bls.....lb. .15 - .16
powd., bxs., cs.....lb. .19 - .20
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .80 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange extract, cryst., bbls., lb. .21 - —
liquid, 42°, bbls.....lb. .09 - —
51°, bbls.....lb. .10 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00
Orthotoluene hydrochloride, dms.lb. .22 - —
Sulphonate, kgs.....lb. 2.00 - 2.05

P

Papain, powd., cs.....lb. 1.50 - 1.60
Paprika, Hungarian, extra fancy, bgs..lb. .33 - .34
medium, bgs.....lb. .28½- .29
Portuguese, extra fancy, bgs.lb. .31½- .32
fancy, bgs.....lb. .30½- .31
Spanish, extra fancy, cs.....lb. .37 - .38
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15½
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .05¼- —
bbls., c.l., N.Y.....lb. .05¼- .05¼
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .05¼- —
bbls., c.l., N. Y.....lb. .05½- .05⅞
yellow, 124-126 A.m.p., bbls., c.l., N.Y..lb. .05½ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .0660- —
loose, c.l.....lb. .0625- —
125-127 A.m.p., bgs., c.l..lb. .0675- —
loose, c.l.....lb. .0640- —
128-130 A.m.p., bgs., or loose, c.l..lb. .0680- —
131-133 A.m.p., bgs., or loose, c.l..lb. .0705- —

AMERICAN

ELDROL

WHITE
MINERAL OILS

U. S. P. AND TECHNICAL
PETROLATUMS

•

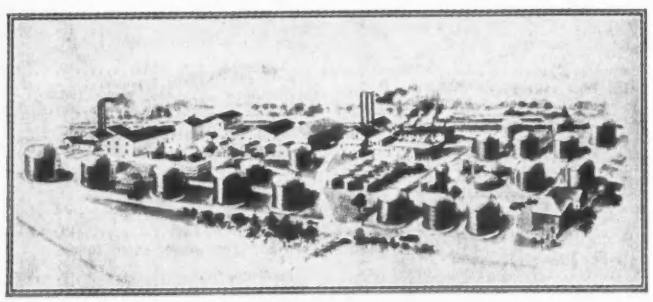
Dependable High Quality will insure the continued sale of your products

•

We therefore believe our Finest White Oils and Petrolatums will interest you as bases for your lines.

ELDROL U. S. P. MINERAL OILS are the finest to be refined from American Crude.

ELDROL PETROLATUMS are of the same high standard. Their uniformity, economy and convenience have long been recognized. Our wide distribution facilities insure prompt service and delivery.



We invite your inquiries

PENNSYLVANIA OIL PRODUCTS
REFINING COMPANY

WARREN PENNSYLVANIA

Paraffin—Phenylethylphenyl

Paraffin, fully refined, slabs,
133-135 A.m.p., bags or loose, c.l..lb. .0730- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0755- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0830- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0925- —
151-153 A.m.p., bgs., or loose, c.l..lb. .70 Nom.
Refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is 5c. lower.
match, A.m.p. up to and incl. 110-112 bbls. c.l..lb. .06¼ Nom.
semirfd.. solid., 122-124 A.m.p., bgs..lb. .06½ Nom.
Paraformaldehyde, dms., 1,000 lbs., or more shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., c.l., works, lb. .10 - —
l.c.l., works.....lb. .11¼- —
5 and 10-gal. dms., works...lb. .15 - —
USP, cs., cbys.....lb. .37 - .45
Paranisidine.. dms.....lb. .75 - —
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs....lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .48 - —
Pareira brava root, bls.....lb. .18 - .20
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld. lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .07 - .08
Patchouli leaves, bls.....lb. .28 - .30
Pellitory root, bls.....lb. .28 - .29
Pennyroyal leaves, bls.....lb. .15 - .16
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3, gal. .14 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Aleppey, bgs...lb. .07⅝- .08¼
Lampong, bgs.....lb. .0405- .0415
Tellicherry, bgs.....lb. .08 - .08¼
Red, chillies, Japan, Hontaka.lb. .18½- .19
Mombassa, bgs.....lb. .25 - .28
White, Java, Muntok, bgs...lb. .07½- .08
Saigon, bgs.....lb. .07½- .08
Peppermint leaves, dom., bls..lb. .35 - .40
import, bls.....lb. .45 - .50
Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Perchloroethylene, dms., c.l., works, frt. alld., zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.....lb. 1.05 - 1.10
Petrolatum, amber, dms., c.l..lb. .03¾- —
l.c.l. .....lb. .04¾- —
amber, extra, dms.....lb. .04 - —
l.c.l. .....lb. .05 - —
veterinary, dms., c.l.....lb. .03¾- —
white, cream, dms., c.l.....lb. .05¼- —
l.c.l. .....lb. .06¾- —
lily, dms., c.l.....lb. .06¼- —
l.c.l. .....lb. .07¾- —
snow, dms., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- —
Petroleum, crude, bulk, at wells:—
California .....bbl. .60 - 1.75
Canada .....bbl. 2.10 - 2.17
Central West:—
Illinois .....bbl. .53 - 1.00
Lima .....bbl. .90 - —
Michigan .....bbl. .82 - 1.02
Princeton .....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast.....bbl. .74 - 1.41
Kentucky, Tennessee.....bbl. 1.02 - 1.10
Louisiana, Arkansas.....bbl. .73 - 1.20
Mexico .....bbl. No prices
Midcontinent:—
North Texas.....bbl. .51 - 1.10
Oklahoma-Kansas .....bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ....bbl. 2.75 - —
Corning .....bbl. 1.17 - —
Pennsylvania grade, in Buckeye lines..bbl. 1.70 - —
Eureka lines.....bbl. 2.34 - —
N. Y. Transit lines, bbl. 2.75 - —
S. W. Penn lines...bbl. 2.40 - —
lower district in National Transit lines.bbl. 2.63 - 2.75
Rocky Mountains.....bbl. .51¼- 1.30
South Central and Southwestern Texas..bbl. .73 - 1.27
Texas Panhandle.....bbl. .67 - .96
West Texas.....bbl. .53 - .95
Ether, 30-60°, dms., c.l., G.3, gal. .14½- —
l.c.l., G.3.....gal. .25½- —
tanks, G.3.....gal. .13½- —
35-60°, dms., l.c.l., G.3....gal. .30½- —
40-75°, dms., c.l., G.3....gal. .14½- —
l.c.l., G.3.....gal. .25½- —
tanks, G.3.....gal. .13½- —
laboratory grade, dms., c.l., G.3..gal. .14½- —
c.l., G.3.....gal. .25½- —
10-gal. lots, G.3.....gal. .50½- —
Petroleum lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond.....gal. .11 - —
Willbridge, Ore., Ft. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .09½- .10
Group 3, toluol type, tanks.. gal. .07⅞- —
benzol type, tanks.....gal. .07⅞- —
Petroleum, naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .09 - .10⅛
Group 3, tanks.....gal. .06⅞- .07
tankwagon, Boston, ex tax, gal. .13⅛- —
Bridgeport .....gal. .13⅛- —
Chicago, inc. 4c. tax..gal. .18 - —
Decatur, inc. 4c. tax..gal. .1910- —
Des Moines, inc. 4c. tax, gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax, gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals.....gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
milk cans.....gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .18 - —
2, over 90% arom., same basis..gal. .19 - —
3, same basis.....gal. .20 - —
8, tanks, f.o.b. Paulsboro, N. J...gal. .15¼- —
30, same basis.....gal. .16¼- —
40, same basis.....gal. .16½- —
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅞- .07
tankwagon, Boston, ex tax, gal. .14½- —
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc. 4c. tax..gal. .1910- —
Evansville, Ind., ex tax, gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1570- —
solvent, rubber, at refinery, East Coast, tanks..gal. .09½- —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .06⅞- .07
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅞- .07
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .08⅜- .09½
Group 3, tanks.....gal. .06⅞- .06½
tankwagon, Boston, ex tax, gal. .14 - —
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .15
Milwaukee, inc. 5c. tax.gal .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09½- —
Omaha .....gal. .1360- .14½
Philadelphia, ex tax..gal. .13 - —
St. Louis, inc. 1c. tax..gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11½
Thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or tanrsport trucks, f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore..gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
200 i.b.p., 300 e.p., f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .08⅜- .09½
47-49, tanks.....gal. .10½- —
New Jersey, tanks....gal. .09 - —
Group 3, tanks.....gal. .05⅞- .06
tankwagon, tax included:—
Albany .....gal. .13½- —
Baltimore (100 gals.)..gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .13½- —
Bound Brook, North Amboy, N. J..gal. .13¼- —
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .15½- —
Camden, N. J.....gal. .10 - .11½
Chicago .....gal. .1670- —
Decatur .....gal. .1810- —
Des Moines.....gal. .1790- —
Evansville, Ind.....gal. .1420- .1520
Milwaukee .....gal. .1930- —
Minneapolis-St. Paul...gal. .19½- —
Newark .....gal. .09½- —
New York (200 gals.)..gal. .09½- —
Omaha .....gal. .1360- .1460
Philadelphia .....gal. .12½- —
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470- —
Syracuse .....gal. .13 - —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —
Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots, or cns., 100 lbs., spot or contract..lb. 3.60 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13 - —
l.c.l., same basis.....lb. .13¾- —
under 1,000 lbs.....lb. .14¾- —
tanks, works.....lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .90
yellow, fib. dms., 2,000-lb. lots, lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.60
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50

OIL, PAINT AND DRUG REPORTER

March 25, 1940

MAR 26

LIBRARY

ADVERTISEMENT—*This entire page is a paid advertisement.*

Prepared Monthly by U. S. Industrial Chemicals, Inc.

USI ALCOHOL NEWS USI

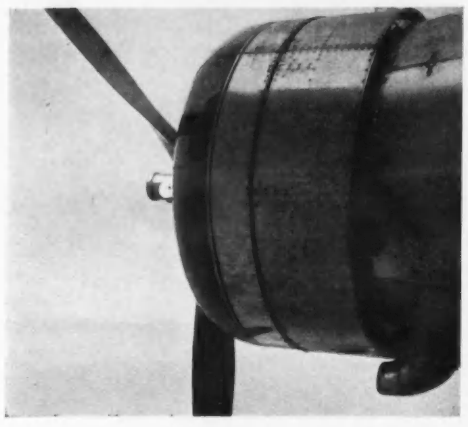
March ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1940

Alcohol Addition Found to Prevent Carburetor Icing

Provides Simple Way of Reducing Risk of Aircraft Engine Failure

LONDON, England—A simple and effective remedy for prevention of ice formation in the carburetors of aircraft engines is found in the use of a solvent to dissolve the ice, it is reported in *Shell Aviation News*. Alcohols are said to be suitable for this purpose, because when dissolved in water, they lower its freezing point.

Methyl alcohol is one of the most effective



Alcohol provides a simple method of preventing formation of ice in carburetors of aircraft engines.

alcohols in this respect, but it does not blend readily with most fuels. Ethyl alcohol can be used either dissolved in the fuel, or separately, it is reported.

5% Usually Effective

5% of ethyl alcohol blended with gasoline almost completely prevents ice formation, it is claimed. However, since such blends are susceptible to separation if water is present, it is considered to be preferable to have the alcohol supply come from a separate tank rather than to blend it with the gasoline.

(*Continued on next page*)

Treasury Revises Ruling On Rubbing Alcohol Sales

WASHINGTON, D. C.—During the past several months the Alcohol Tax Unit of the Treasury Department has been conducting a thorough investigation regarding the use of rubbing alcohol and bay rum compounds for beverage purposes. The use of such preparations for beverage purposes has become so common that the Alcohol Tax Unit has been compelled to revise its former regulation and further restrict not only the manufacturer and the jobber, but also the retail distributor.

These circumstances occasioned the issuance of T. D. 4963, "Labeling and Sale of Rubbing Alcohol Compound (Amendment of Regulations No. 3)."

U.S.I. Establishes Safety Record

BALTIMORE, Md.—The best safety record ever established by the Curtis Bay Plant occurred during the period from January 1 to October 30, 1939. Within this interval of time, the plant operated for a total of 446,470 man-hours without one single disabling injury.

Industrial Alcohol Adaptable To Wide Range of Applications

Long List of Authorized Formulas Permits Selection to Meet Requirements of Specific Industrial and Scientific Uses

The term "Industrial Alcohol," under federal law, includes "Ethyl Alcohol" in its pure state, for other than beverage purposes, as well as all formulas of Denatured Alcohol lawfully used in science, the arts and manufacturing industries.

The Government authorizes three types of industrial alcohol: (1) Pure; (2) Completely Denatured; (3) Specially Denatured.

Ethyl Alcohol is hydrated oxide of ethyl, or spirit of wine, from whatever source or process produced, having a proof of 160 or more. It does not include substances known as whiskey, brandy, rum or gin. It is manufactured in this country mostly from the fermentation of molasses and grain but a very large quantity is also made synthetically; i.e., produced by a combination of chemical elements as distinguished from fermentation process.

"Alcohol Proof" is a term expressing the strength or quantity of alcohol and is equivalent to the amount of alcohol by volume, multiplied by two. For example, 190 proof alcohol is 95% by volume. "Absolute Alcohol," known commercially as "Anhydrous," is 200 proof, or 100% alcohol by volume.

A "wine gallon" is a measure of volume equal to 231 cubic inches.

Pure Alcohol

Pure Ethyl Alcohol may be purchased under Government permit tax-free, solely for use by governmental agencies, hospitals, laboratories, colleges, etc.

Pure Ethyl Alcohol, upon the payment of the Internal Revenue Tax of $2.25 per proof gallon, may be withdrawn from bond and sold for certain medicinal, scientific and other lawful manufacturing uses, without federal permit, or bond. However, practically all states have special regulations concerning the purchase and use of pure alcohol for non-

(*Continued on next page*)

Describe New Method of Crystallizing Vitamin E

FRANKFORT-ON-THE-MAIN, Germany—That vitamin E can now be obtained in crystalline form is claimed in a U. S. patent granted to two inventors here.

The process is said to involve no complicated pre-purification of materials. A typical procedure, according to the patent, consists in dissolving a vitamin E preparation in petroleum ether and adding cyanic acid. Further steps include extraction with ether and the dissolving of the residue in light petrol. This solution is then filtered through a column of aluminum oxide, washed with petrol, dried, and eluted with a mixture of methyl alcohol and ether.

Methyl Alcohol and Ether are produced by U.S.I.

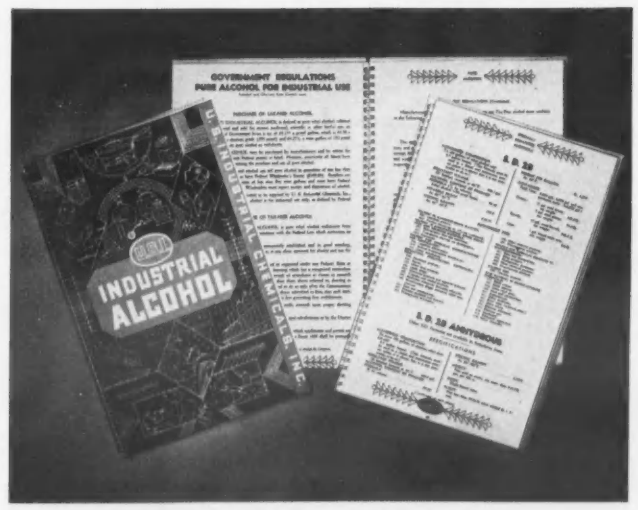
A convenient table lists the contractions in volume when alcohol is mixed with water. Contraction is given both in cc. and in per cent, and the per cent reduction in strength is included in the table also. Copies of this table may be obtained by writing U.S.I. Ask for Bulletin CV.

Alcohol Production Rises

WASHINGTON, D. C.—Production of both ethyl alcohol and specially denatured alcohol has shown a considerable increase in recent months, it is indicated by figures released by the Bureau of Internal Revenue.

Production of ethyl alcohol for December, 1939, was 22,080,109 proof gallons, while the production of specially denatured alcohol was 10,502,486 wine gallons. For the corresponding month in 1938, the figures were 16,780,614 and 8,372,981, respectively.

The Industrial Alcohol Handbook, published by U.S.I., gives to the user of industrial alcohol a complete list of the authorized uses for specially denatured alcohol. For convenience, these uses are classified under 15 broad divisions, embracing about 90 subdivisions. In addition to this section on specially denatured alcohol, there are other sections on pure and completely denatured alcohol, as well as U.S.I.'s proprietary products, Solox and Super Pyro Anti-Freeze. A summary of government regulations is also included, as well as a section of technical data, which comprises much helpful information, such as U.S.P. methods of testing, tables of physical characteristics, and gauging of tank cars. Copies of this helpful book may be obtained by writing U.S.I. on your letterhead.



ADVERTISEMENT—*This entire page is a paid advertisement.*

March ★ ALCOHOL NEWS ★ 1940

Many Uses For Alcohol

(*Continued from previous page*)

beverage purposes.

To promote the lawful industrial use of Ethyl Alcohol, the Government also allows the withdrawal and use of this important chemical free of tax, after it has been denatured with materials rendering it unfit for beverage purposes. There are two types of denatured tax-free alcohol authorized:

(1) Completely Denatured Alcohol is sufficiently denatured by the addition of materials specified by the Internal Revenue Department to preclude the possibility of its being used for beverage purposes. It can be sold and used in any quantity, except in tank cars, without obtaining a Government permit. The principal uses of Completely Denatured Alcohol are for anti-freeze, fuel, light and power.

(2) Specially Denatured Alcohol is denatured by the addition of various substances under nearly sixty Government formulas, each one of which is designed to meet the stringent requirements of the manufacturers of the thousands of materials whose production requires Ethyl Alcohol as a raw material.

Denaturant Selection

Denaturants are carefully selected by Government chemists, with the assistance of scientists and technologists of the industries concerned, so that although they render the alcohol unfit for beverage use, they do not affect its utility for special manufacturing purposes.

Every user of Specially Denatured Alcohol must furnish a bond and obtain a permit from the Government. Before a permit is granted, investigation is made of the company, plant and business and systematic inspection of all transactions under the permit is made by Government officers to be sure of compliance with the law. No license fees are charged for this permit but a surety bond must be furnished, in amount depending upon the quantity of alcohol withdrawn during each thirty day period.

Industrial Alcohol Use

The use of Industrial Alcohol in the United States has increased from 1,000,000 wine gallons a year in 1906 to more than 100,000,000 wine gallons a year at the present time. Approximately 32% of this quantity is used in the manufacture of heavy and industrial chemicals; 29.2% by the automotive and petroleum industries; 14.5% in the manufacture of coatings; 8.2% in the manufacture of food products and tobacco; 8% in the drug and cosmetic field; 5.2% in plastics and dyes; 2.9% for chemical specialties and scientific uses.

Says Pigments Protect Insecticides From Light

BEACON, N. Y. — That pigments can be used to inhibit the effect of the sun's rays on the toxic principle of insecticides is claimed in a patent issued to an inventor here.

The patent suggests that such insecticides as the powders of derris, cube, or barbasco can be coated with titanium oxide, in order to make an insecticidal composition which is less likely to suffer loss of its toxic principle when exposed to the action of light.

Reports Liquifier Useful In Laboratory Sampling

WASHINGTON, D. C. — That a popular kitchen implement—the Waring Blendor—may be helpful in laboratory sampling of plant tissue is suggested by a scientist of the Department of Agriculture.

A satisfactory procedure, it is said, is to place about 200 cc. of a suitable liquid, such as water, alcohol, or acetone, in the glass container, and gradually add the tissue. 5-minute operation is usually sufficient to reduce 25 to 100 grams of tissue, it is reported.

Alcohol and Acetone are produced by U.S.I.

Carburetor De-Icing

(*Continued from previous page*)

When supplied from a separate tank, the alcohol can be introduced into the fuel system at the float chamber, or at any point in the air intake system. The latter is said to be preferable, since it not only provides a means for removing and preventing ice in the carburetor, but also for removing ice or snow which may accumulate in the intake. By this method ice is removed in a few seconds, it is claimed. Proportions as low as 3% are effective, but 5% is recommended as being sufficient to remove oil and snow from within the air scoop or intake and from the carburetor. A much greater percentage, however, would be necessary to remove ice accretion from the entry mouth.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Titanium dioxide is reported to be available in a purified form, containing not more than 20 parts of lead or 2 parts of arsenic per million. Maker states that it is especially suitable for the manufacture of face powder, lipstick, nail preparations, etc., and may also find applications in catalysis. **(No. 310a)**

U S I

A new detergent is described as a condensation product of fatty acids and protein derivatives, containing no free fatty acids or sulfonated bodies. It is said that it can be successfully applied in the manufacture of shampoos, as well as industrial soaps and insecticide sprays. **(No. 311a)**

U S I

Petrolatum is said to be available in a long-fiber form that is useful in products in which a salve-like effect is desired. It is reported to have particular advantages in preparations containing large quantities of pigments. **(No. 312a)**

U S I

Morpholine sulphite and bisulphite have good preservative and anti-oxidant properties, it is claimed. It is also said that they have potentialities in the field of permanent waving. **(No. 313a)**

U S I

A cellulose ether now on the market is said to be water-soluble. Suggested applications, according to the maker, are as a thickening agent in cosmetics, in the preparation of pastes and sizes, and for thickening aqueous dispersions of casein and latex. **(No. 314a)**

U S I

Self-polishing waxes are reported to replace a large proportion of the carnauba wax with other materials more readily available. One of these products, said to be similar in properties to the usual gloss-drying waxes, contains only 34 pounds of carnauba wax per 100 gallons. **(No. 315a)**

U S I

Methyl Xylic Ester is the designation of a new material that is said to be suitable for addition to powders and creams, to neutralize the basic odor (such as the metallic odor inherent in talc and other earthy metals). Maker states that the new product blends well with practically all bouquet and most floral odors. **(No. 316a)**

U S I

A first aid material is said to be suitable for application on burns. It is supplied in the form of a water-soluble jelly containing a proportion of tannic acid, and is reported to be proof against freezing down to 20 degrees below zero. **(No. 317a)**

U S I

A protective cream is said to be useful in the protection of hands and other exposed skin against industrial dermatitis. The cream is insoluble in water except when soap is used, it is claimed. **(No. 318a)**

U S I

Linalyl cinnamate, a new synthetic, is said to impart a jasmin-lily-rose note to a bouquet. It acts as both a blending agent and a fixative in jasmin and rose compounds, it is claimed. **(No. 319a)**

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N. Y. (U.S.I.) BRANCHES IN ALL PRINCIPAL CITIES

A SUBSIDIARY OF U. S. INDUSTRIAL ALCOHOL CO.

ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Methanol

Ethyl Alcohol
Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Oxalate
Ethyl Chlorocarbonate
Ethyl Formate
Ethyl Lactate

*Registered Trade Mark

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER ESTERS
Amyl Propionate
Butyl Propionate
Dibutyl Oxalate

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Sodium Ethyl Oxalacetate

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

OTHER PRODUCTS
Acetone, C.P.
Collodions
*Curbay Binders
*Curbay X (Powder)
Derex
Ethylene
Methyl Acetone
Nitrocellulose Solutions
Potash, Agricultural
*Vacatane
*Curbay B-G

Phenylhydrazine, base, CP, bots., lb. 4.00 - —
hydrochloride, CP., bots.. works..lb. 4.00 - —
commercial, kgs., works...lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines.. long ton. 2.15 - —
72% min., bulk, mines, long ton. 2.40 - —
75% basis, 74% min., bulk, mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases.....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons, lb. .35 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld., E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .13 - .14
Pilocarpine hydrochloride, bots., vis..oz. 4.25 - 4.30
Nitrate, bots., vis.....oz. 4.15 - 4.20
Pimento, bgs.....lb. .17 - .17½
Pinkroot, bls.....lb. .40 - .41
Pitch, burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time, dms., c.l., dlvd. Akron..ton.23.75 -24.00
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of Paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .52 - .53
Root bark, bgs.....lb. .47 - .48
Poppy flowers, red, bls.....lb. 1.00 - 1.15
Seed, Dutch, bgs.....lb. .12¾- .13¼
Hungarian, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd...lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot., c.l., works, lb. .08⅞- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls. 500 lbs..lb. .81 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis.lb. .03125- —
tanks, same basis.....lb. .0275- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03⅝
tanks .....lb. .02⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06⅝
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .10½- .13
gran., kgs.....lb. .12 - .14½
powd., kgs.....lb. .10 - .12½
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP., gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 11% gold, bots., works..oz.14.20 -14.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots.....lb. 1.10 - —
50-lb. lots, cbys., or cns., lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 -1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.35 - —
bots., or cns.....lb. 1.44 - 1.70
dms. .....lb. 1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton.12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports..unit-ton. .58½- —
import, 30%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton.17.55 - —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton.26.75 - —
basis 60% K_2O, bulk, ex-vessel, Atlantic or Gulf ports. ton.32.10 - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs...lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works.....lb. .09½- .11
Permanganate, tech., dms...lb. .18½- .19
Potash, prussiate, red, bbls....lb. .38 - .45
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lumps, bgs..lb. .07 - —
Sulphate, NF, cryst., 400 lbs., bbls..lb. .18 Nom.
100 lb. kgs.....lb. .20 - —
powd., 350 lbs., bbls....lb. .19 Nom.
100 lb. kgs.....lb. .21 - —
tech., 90-95%, min. 90%, bgs., ex-vessel, Atlantic or Gulf ports..ton.36.25 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.-ton.24.75 - —
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .45 - —
Prickly ash bark, bls.....lb. .15 - .16
Berries, bgs.....lb. .30 - .35
Prince's pine herb, bls.....lb. .25 - .26
Propane, tanks, Group 3.....gal. .03⅝- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .30 nom.
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03½- —
less than 3, works....lb. .04½- —
F and 1, bbls., 3 or over, works..lb. .04 - —
less than 3, works....lb. .04½- —
O, O-½, O-¾, and ½, bbls., 3 or over, works.....lb. .04½- —
less than 3, works....lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock, N. Y..ton.39.00 Nom.
l.c.l., 5-29 tons, ex whse., ton.44.00 Nom.
1,000-10,000 lbs., ex whse..ton.46.00 Nom.
2 bgs., to 1,000 lbs., ex whse, ton.48.00 Nom.
single bgs., ex whse.ton.60.00 Nom.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless..gal. 7.15 - 7.50
(30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless..gal.10.65 -11.00
Flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld..lb. .35 - .37
Pyridin, denaturing, dms....gal. 1.71 - —
refd., 2°, dms.....lb. .51 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophylite, standard, 200 mesh., c.l., mines..ton. 9.00 - —
325 mesh, same basis....ton.12.00 - —
No. 3, 200 mesh, c.l. mines.ton. 7.50 - —
325 mesh, same basis....ton.10.50 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works..lb. .04 - —
tanks, works.....lb. .03¼- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04½- —
clarified, 64%, bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .08½- .09½
solid, dms.....lb. .11 - .16½
Quicksilver, dom., flasks (76 lbs. net, dlvd., N. Y..flasks.183.00 -185.00
European, flasks (76 lbs. net). c.i.f., N. Y., incl. war risk insurance..flask.207.00 - —
ex store.....flask.209.00 - —
Quince seed, bgs.....lb. 1.10 - 1.15
Quinidine, cryst., small, cns..oz. 1.01 - —
large, cns.....oz. 1.03 - —
powd., precip., cns.....oz. .96 - —
Sulphate, cns.....oz. .69 - —
Subject to surcharge of 3c. per oz.: see note under Quinine.
Quinine, 100 ozs., cns.....oz. .80 - —
Acetate, cns.....oz. 1.02 - —
Arsenate, cns.....oz. 1.02 - —
Arsenite, cns.....oz. 1.04 - —
Bisulphate, cns.....oz. .57 - —
Citrate, cns.....oz. .75 - —
Dihydrobromide, bots.....oz. .78 - —
Dihydrochloride, bots.....oz. .78 - —
Ethylcarbonate, cns.....oz. .80 - —
Ferrocyanide, cns.....oz. 1.04 - —
Formate, cns.....oz. .97 - —
Glycerophosphate, cns.....oz. 1.17 - —
Hydrochloride, cns.....oz. .72 - —
Hydrochlorosulphate, cns....oz. .7- - —
Hydriodide, cns.....oz. 1.03 - —
Hypophosphite, cns.....oz. 1.03 - —
Phosphate, cns.....oz. .86 - —
Salicylate, cns.....oz. .76 - —
Sulphate, USP, X, cns.....oz. .57 - —
USP, XI, cns.....oz. .64 - —
Sulphocarbolate, cns.....oz. 1.03 - —
Tannate, cns.....oz. .60 - —
Tartrate, cns.....oz. 1.00 - —
Valerate, cns.....oz. .96 - —
Quinine buyers must pay a surcharge of 3c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .78 - —
Subject to surcharge of 3c. per oz.: see note under Quinine.

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch black, bgs.....lb. .07 - .07½
red, bgs.....lb. .12 - .12⅝
Japanese, bgs.....lb. .06½- .07
Raspberries, dried, bls.....lb. .65 - .70
Red, alizarin lake, bbls., dlvd. N. of Tenn., and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Red, cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis. lb. 1.05 - —
maroon shades, kgs., ton lots, same basis..lb. 1.05 - —
smaller lots, same basis. lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis. lb. .90 - —
kgs., ton lots, same basis. lb. .90 - —
smaller lots, same basis. lb. .95 - —
Selenide, bbls., dark, works..lb. 2.50 - —
light, works.....lb. 2.25 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lbs...lb. 4.50 - —
50 lbs.....lb. 4.60 - —
cns., 5 lbs.....lb. 4.75 - —
1 lb.....lb. 4.85 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.25 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.10 - —
open order.....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contracts.. lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake.....lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 2.81 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio.....lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .70 - —
open order.....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .05¼- —
San Fran., Los Ang., Portland, Seattle..lb. .05⅝- —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y. lb. .03¾- —
Toluidine toner, kgs., same basis alizarin lake—lb. 1.05 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.46 - 2.81
Red dyes are listed under Dyes.
Red precipiate, N. F., powd., fib. dms., 50 lbs. or more...lb. 3.06 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works..lb. .75 - .80
USP, cryst., bbls., works.....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .12 - .14
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb, bots.....lb. .58 - .60
powd., bbls., kgs.....lb. .63 - .65
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .23¾- —
smaller lots.....lb. .24¼- —
powd., bbls., 5,000 lbs., 1 ship't..lb. .22¾- —
smaller lots.....lb. .23¼- —
Rose flowers, pale, bls.....lb. .55 - .60
red, bls.....lb. 2.50 - 2.75
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .07 - .08
Rosin, gum, bbls., ex dock, 280 lbs. 6.10 - —
D, bbls.....280 lbs. 6.10 - —
E, bbls.....280 lbs. 6.40 - —
F, bbls.....280 lbs. 6.70 - —
G, bbls.....280 lbs. 6.75 - —
H, bbls.....280 lbs. 6.80 - —
I, bbls.....280 lbs. 6.82½- —
K, bbls.....280 lbs. 6.85 - —
M, bbls.....280 lbs. 6.87½- —
N, bbls.....280 lbs. 6.90 - —
W. G., bbls.....280 lbs. 6.97½- —
W. W., bbls.....280 lbs. 7.45 - —
X, bbls.....280 lbs. 7.45 - —
Rosin, wood, bbls.....280 lbs. 4.75 - 6.50
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 Nom.
l.c.l., f.o.b. mines.....ton.37.50 Nom.
Rouge, bgs.....lb. .14 Nom.
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .30 - .35

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .29 - .30
Saffron, Mexican, bls.....lb. .40 - .42
Spanish, tins.....lb.30.00 -31.00
Safrol, cns.....lb. 1.05 - 1.10
dms.....lb. 1.00 - 1.05
Sage, Dalmatian, stemless.....lb. .08¾- .09¼
garden, bls.....lb. .09¾- .10
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 7.04 - —
cns., 25 lbs.....lb. 7.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.15.70 - —
l.c.l., dlvd., N. Y.....ton.16.60 -19.70
Saltcake, grd., dom., bbls., works, ton.24.00 Nom.
bulk, works.....ton.17.00 Nom.
import, bulk, c.i.f.....ton.20.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 8.10 - 9.10
1-9 tons.....100 lbs. 8.25 - 9.25
less than ton lots..100 lbs. 8.50 - 9.50
gran., bbls., 10-20 tons, 100 lbs. 7.10 - —
1-9 tons.....100 lbs. 7.25 - —
less than ton lots..100 lbs. 7.50 - —
powd., bbls., 10-20 tons.100 lbs. 8.10 - —
1-9 tons.....100 lbs. 8.25 - —
less than ton lots..100 lbs. 8.50 - —
Santonin, cryst., cns.....kilo.135.00 -145.60
Saponin, crude, cns.....lb. 2.25 - 2.50
purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexico, bls.....lb. .16½- .17
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bbls.....lb. .14 - .15
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .09
resin., lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipmt..lb. .18⅝- —
smaller lots.....lb. .19¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .19¼- —
smaller lots.....lb. .19⅝- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, bls.....lb. .85 - .90
Senna leaves, Alexandria, half leaf, bls.....lb. .15 - .16
leaf, bls.....lb. .14 - .15
siftings, bgs.....lb. .12 - .13
Tinnevelly, No. 1, bls.....lb. .10 - .11
2 bls.....lb. .08½- .09
3 bls.....lb. .12 - .13
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .85 - .90
Serpentaria root, bls.....lb. .85 - .90
Shellac, bleached, bonedry, bbls., f.o.b., N.Y...lb. .25 - .28
dlvd., Boston.....lb. .25½- .26½
Chicago .....lb. .25¾- .26¾
Pacific Coast.....lb. .28 - .29
refd., bbls., f.o.b., N.Y.....lb. .31 - .32
dlvd., Boston.....lb. .31½- .32½
Chicago .....lb. .31¾- .32¾
Pacific Coast.....lb. .34 - .35
Garnet, bgs.....lb. .22 - .23
Orange, D.C., VSO., Diamond I. cases..lb. .28 - .29
Superfine, bgs., f.o.b. Bost., N. Y..lb. .16½- .17
dlvd., Chicago.....lb. .17 - .17½
Pacific Coast.....lb. .19½- .20
T.N., bgs., f.o.b. Bost., N.Y.lb. .15½- .16
dlvd., Chicago.....lb. .16 - .16½
Pacific Coast.....lb. .18½- .19
Varnish, Metro., area, orange, 5-lb. cut., bbls..gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....lb. 1.05 - 1.10
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.21.00 - —
smaller lots, works.ton.25.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works.ton.35.00 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works, ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
bgs., l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .34¾- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .26⅞- —
Nucleinate, bots., cns., 480-oz. lots..oz. .30 - .31
Proteinate, bots., cns., 480-oz. lots..oz. .29 - .30
Simarubra barks, bls.....lb. .30 - .35
Skatol, bots.....lb.75.00 -80.00

Skullcap—Tallow

Skullcap, Eastern, bls.	lb.	.23	- .24
Western, bls.	lb.	.14	- .15
Skunk cabbage root, bls.	lb.	.11	- .12
Slate flour, bgs., c.l., works.	ton.	9.00	- —
l.c.l., works	ton.	10.00	-15.00
Sloe berries, bgs	lb.	.12	- .14
Smalt, black, extra velvet, cnts.,	lb.	.05	- .08
Blue, cnts.	lb.	.07	- .08¼
Snakeroot, Canada, bls.	lb.	.24	- .26
Soapbark, bls.	lb.	.14	- .16
crushed, bls., bbls.	lb.	.18	- .20
cut, German, bls., bbls.	lb.	.35	Nom.
dom., bbls.	lb.	.22	- .23
powd., bbls.	lb.	.21	- .23
Soda, acetate, anhyd., dms., dlvd.	lb.	.08½-	.10
flake, gran., powd., 60%, dms., c.l., dlvd.	lb.	.04	- —
l.c.l., dlvd.	lb.	.04½-	.05
powd., 90%, dms., c.l., dlvd.,	lb.	.06	- —
l.c.l., dlvd.	lb.	.06¾-	—
Alginate, dms., bbls., works,	lb.	.71	- .93
Antimoniate, bbls.	lb.	.14½-	.15
Arsenate, dms., dealers, c.l., works.	lb.	.07	- .08
l.c.l., dms., works	lb.	.07¾-	.08¾
Arsenite, dry, gray, dms., c.l., dealers, works.	lb.	.06½-	.07½
l.c.l., dms., works	lb.	.07¼-	.09¼
white, dms., c.l., dealers, works.	lb.	.08	- .09
l.c.l., dms., works	lb.	.08¾-	.10¾

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; lc. per pound higher in Houston, Tex., and Colorado. White prices are lc. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10	- —
l.c.l., Zone 1	100 lbs.	2.13	- —
2	100 lbs.	2.28	- —
3	100 lbs.	2.53	- —
4	100 lbs.	2.93	- —
bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., Zone 1	100 lbs.	2.25	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l., works	100 lbs.	.95	- —
extra light, 58%, bgs., c.l.,	100 lbs.	1.05	- 1.08
l.c.l., Zone 1	100 lbs.	2.08	- —
2	100 lbs.	2.23	- —
3	100 lbs.	2.48	- —
4	100 lbs.	2.88	- —
bbls., c.l., works.	100 lbs.	1.45	- —
l.c.l., Zone 1	100 lbs.	2.45	- —
2	100 lbs.	2.60	- —
3	100 lbs.	2.80	- —
4	100 lbs.	3.25	- —
bulk, c.l.	100 lbs.	.90	- —
light, 58%, bgs., c.l., works.	100 lbs.	1.05	- 1.08
l.c.l., Zone 1	100 lbs.	2.08	- —
2	100 lbs.	2.23	- —
3	100 lbs.	2.48	- —
4	100 lbs.	2.88	- —
c.l., works.	100 lbs.	1.35	- —
l.c.l., Zone 1	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l.	100 lbs.	.90	- —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, All Northern U. S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia.; parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N.H. and Vt. special local zone prices apply for ship't to various counties. Zone 2, Ark. East of 93° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa, (except Davenport) Ga., Minn., Mo. (except St. Louis) N. and S.C., and Tenn. Zone 3, Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso) N. and S.D., Okla., Ark., W. of 93° Meridian. Zone 4, El Paso, Tex., Ariz., Colo., Idaho, Mont., Nev., N.M., Utah and Wyo.

Benzoate, tech., bbls., 4,000 lbs. or more	lb.	.39	- —
1,000 to 3,900 lbs.	lb.	.40	- —
900 lbs. or less	lb.	.43	- —
USP, bbls., 4,000 or more	lb.	.46	- —
1,000 to 3,900 lbs.	lb.	.47	- —
900 lbs. or less	lb.	.50	- —
4,000 lbs. or more	lb.	.47	- .48
1,000 to 3,900 lbs.	lb.	.48	- .49
900 lbs. or less	lb.	.51	- .52
Bicarbonate, tech., bbls., c.l., works.	100 lbs.	1.70	- —
l.c.l.	100 lbs.	2.05	- —
bgs., c.l.	100 lbs.	1.55	- 1.60
l.c.l.	100 lbs.	1.90	- 1.95
USP, gran., bbls., c.l., works,	100 lbs.	2.25	- —
powd., bbls., c.l., works,	100 lbs.	1.85	- —
l.c.l., dlvd. N. Y.	100 lbs.	2.51	- —
kgs., c.l.	100 lbs.	2.10	- —
l.c.l., dlvd. N.Y.	100 lbs.	2.76	- —
Bichromate, spot, c.l., works.	lb.	.06⅞-	—
l.c.l., 6 cks. or 10 bbls. or over, works.	lb.	.07	- —
3 cks. or 9 bbls. or less, works.	lb.	.07¼-	—
Bifluoride, bbls.	lb.	.11¼-	.12
Bisulphite, powd., bbls., c.l., bbls., works.	100 lbs.	3.00	- 3.10
l.c.l., works	100 lbs.	3.50	- 3.60
solution, 32 deg., bbls., c.l., works.	100 lbs.	1.30	- —
l.c.l., bbls., works.	100 lbs.	1.55	- —
66 deg., bbls., c.l., works,	100 lbs.	1.35	- —
l.c.l., bbls., works.	100 lbs.	1.60	- —
solution, 85 deg., bbls., c.l., works.	100 lbs.	1.40	- —
l.c.l., bbls., works.	100 lbs.	1.65	- —
44 deg., bbls., works,	100 lbs.	1.55	- —
l.c.l., bbls., works.	100 lbs.	1.80	- —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31	- —
fiber dms., 100 lbs.	lb.	.32	- —
Cacodylate, 1-kilo bots.	lb.	6.00	- —
Carbonate (see Soda ash, soda monohydrated, soda sal).			
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works.	100 lbs.	2.95	- —
dms., c.l., works.	100 lbs.	2.70	- —
l.c.l., Zone 1	100 lbs.	3.55	- 4.00
2	100 lbs.	3.70	- 5.05
3	100 lbs.	3.95	- 5.30
4	100 lbs.	4.35	- 5.70
electro process, dms., c.l., works.	100 lbs.	2.70	- —
l.c.l., same zone prices as ammonia process.			
Soda, caustic, liquid, 47-49%, buyers' tanks, works.	100 lbs.	1.92½-	—
seller's tanks, works,	100 lbs.	1.95	- —
70%, buyers' tanks, works.	100 lbs.	1.97½-	—
seller's tanks, works,	100 lbs.	2.00	- —
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.30	- —
l.c.l., Zone 1	100 lbs.	3.15	- —
2	100 lbs.	3.30	- —
3	100 lbs.	3.55	- —
electro process, dms., c.l., works.	100 lbs.	2.30	- —
l.c.l., same zone prices as ammon. process.			

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼-	—
l.c.l., works	lb.	.06½-	—
powd., bgs., c.l., works.	lb.	.06½-	—
l.c.l., works	lb.	.07	- .08½
Chromate, spot, c.l., works.	lb.	.08¼-	—
l.c.l., 6 cks., 10 bbls. or over, works.	lb.	.08⅝-	—
smaller quantities	lb.	.08¾-	—
Citrate, USP, VIII, gran., bbls., 225-lb. lots.	lb.	.18½-	—
cns., 50-lb. lots	lb.	.20½-	—
25-lb. lots	lb.	.22½-	.23½
kgs., 100-lb. lots	lb.	.19½-	—
USP XI, gran., bbls., 250-lb. lots.	lb.	.24	- —
boxes, 50-lb. lots	lb.	.26	- —
cns., 25-lb. lots	lb.	.28	- .29
kgs., 100lb. lots	lb.	.25	- —
Citrate, USP XI, powd., bbls., 250-lb. lots.	lb.	.24½-	—
boxes, 50-lb. lots	lb.	.26½-	—
cns., 25-lb. lots	lb.	.29½-	—
kgs., 100-lb. lots	lb.	.25½-	—
Cyanide, 96-98%, dom., dms.	lb.	.14	- .15
import, 90%, cs.	lb.	No price	
Cyanide, gold, 46% gold, bots., works.	oz.	15.85	-17.10
Diacetate, 33-35% acidity, bbls., dlvd.	lb.	.09	- —
Fluoride, white, 90%, bbls., c.l., frt. alld.	lb.	.07	- —
Fluoride, white, 90%, bbls., l.c.l., 10 or over, same basis.	lb.	.07½-	—
1-9, same basis	lb.	.08	- —
95%, bbls., c.l., same basis,	lb.	.07⅛-	—
l.c.l., 10 or over, same basis.	lb.	.07⅜-	—
1-9, same basis	lb.	.08¼-	—

Soda fluoride prices at Los Angeles are f.a.s. works.

Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots.	lb.	1.10	- —
smaller lots	lb.	1.25	- —
cns., 25 lbs	lb.	1.50	- —
powd., bbls., 1,000-lb. lots,	lb.	1.15	- —
smaller lots	lb.	1.30	- —
cns., 25 lbs	lb.	1.55	- —
Hydrosulphite, dms.	lb.	.16	- .17
Hydroxide, USP, sticks, cns., 100-lb. lots.	lb.	.20½-	.22
Hypophosphite, N.F., cns., 100-lb. lots.	lb.	.67	- —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.	100 lbs.	2.25	- —
bbls., same basis.	100 lbs.	2.45	- —
l.c.l., bgs., works, frt. equal'd	100 lbs.	2.50	- —
bbls., same basis.	100 lbs.	2.70	- —
pea, bgs., c.l. works.	100 lbs.	2.60	- —
bbls., works.	100 lbs.	2.80	- —
dms., works.	100 lbs.	3.10	- —
5,000 lbs. and over, bgs., works.	100 lbs.	2.75	- 3.00
bbls., works.	100 lbs.	2.95	- 3.20
dms., works.	100 lbs.	3.25	- 3.80
2,500 to 5,000 lbs., bgs., works.	100 lbs.	2.85	- 3.10
bbls., works.	100 lbs.	3.05	- 3.30
dms., works.	100 lbs.	3.35	- 3.60
500 to 2,500 lbs., bgs., works,	lb.	3.10	3.25
bbls., works.	100 lbs.	3.30	- 3.55
dms., works.	100 lbs.	3.60	- 3.85
less than 500 lbs., bgs., works.	100 lbs.	3.70	- 3.95
bbls., works.	100 lbs.	3.90	- 4.15
dms., works.	100 lbs.	4.20	- 4.45
Iodate, jars.	lb.	5.02	- 5.07
Iodide, jars.	lb.	2.30	- —
bots.	lb.	2.41	2.47
Mandelate, bots., 5 lbs.	lb.	3.80	- —
fib. dms., 100-lb. lots.	lb.	3.05	- —
smaller lots.	lb.	3.15	- 3.20
Metanilate, kgs.	lb.	.41	Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equal'd.	100 lbs.	3.75	- —
15 dms. and over, dlvd. N.Y.	100 lbs.	4.65	- —
3-14 dms., same basis.	100 lbs.	4.80	- —
1-2 dms., same basis	100 lbs.	5.05	- —
gran., bbls., c.l., works.	lb.	2.35	- —
10 bbls. and over, dlvd., N.Y.	lb.	3.10	- —
1-9 bbls., dlvd. N. Y.	lb.	.3.35	- —
Molybdate, kgs., works.	lb.	.60	- —
less kgs.	lb.	.65	- —
Monohydrated, bbls., works	100 lbs.	2.60	- —
works	100 lbs.	2.30	- —
Naphthionate, bbls.	lb.	.50	- —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment.	ton.	29.00	- —
200 lb. bgs., same basis.	ton.	28.30	- —
bulk, same basis	ton.	27.00	- —
rfd., gran., bbls., 10 tons,	100 lbs.	2.50	- —
1-9 tons	100 lbs.	2.65	- —
smaller lots	100 lbs.	2.90	- —
powd., bbls., 10 tons.	100 lbs.	5.50	- —
1-9 tons	100 lbs.	5.65	- —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized.	lb.	.06¾-	—
c.l., West Coast, f.o.b. ports.	lb.	.08	- —
l.c.l.	lb.	.08¼-	.11¼

Soda nitrite l.c.l. price range represents delivery at various points.

Orthosilicate, flake, dms., c.l., works.	100 lbs.	3.00	- —
Oxalate, neut., bbls.	lb.	.09	- —
kgs.	lb.	.10	- .11
Perborate, N.F., bbls., c.l., works.	lb.	.14¾-	—
l.c.l., works	lb.	.15¼-	—
Pentachlorphenate, briquets, single bgs., works.	lb.	.26	- —
70 lbs., bgs., works	lb.	.19½-	—
490 lbs., bgs., works	lb.	.17½-	—
powd., 100 lbs., bgs., works,	lb.	.19	- —
500 lbs., bgs., works.	lb.	.17	- —
Phosphate, dibasic, anhyd., bgs., bgs., c.l., works.	100 lbs.	5.15	- —
l.c.l., works	100 lbs.	6.10	- —
bbls., c.l., works.	100 lbs.	5.35	- —
l.c.l., works	100 lbs.	6.30	- —
cryst., tech., bgs., c.l., works,	100 lbs.	2.10	- —
l.c.l., works	100 lbs.	2.50	- —
bbls., c.l., works.	100 lbs.	2.30	- —
l.c.l., works	100 lbs.	2.70	- —
Soda phosphate, monobasic, anhyd., bgs., c.l., works.	100 lbs.	7.25	- —
l.c.l., works	100 lbs.	7.85	- —
bbls., c.l., works.	100 lbs.	7.45	- —
l.c.l., works	100 lbs.	8.20	- —
tribasic, bgs., c.l., works.	lb.	2.25	- —
l.c.l., works	100 lbs.	2.65	- —
bbls., c.l., works.	100 lbs.	2.45	- —
l.c.l., works	100 lbs.	2.85	- —
kgs., c.l., works.	100 lbs.	2.95	- —
l.c.l., works	100 lbs.	3.35	- —
USP (dibasic), bbls., works,	lb.	.09	- .11
dried, bbls., dms., works.	lb.	.11½-	.14
Picramate, kgs.	lb.	.65	- —
Prussiate, yellow, bbls., 10,000 lbs. or more.	lb.	.10½-	—
contracts	lb.	.09½-	—
smaller lots.	lb.	.10¾-	—
contracts	lb.	.09¾-	—
Pyrophosphate, anhy., bgs., c.l., works, frt. equal'd.	100 lbs.	5.10	- —
l.c.l., same basis.	100 lbs.	5.35	- 5.60
bbls., c.l., works, frt. equalized.	100 lbs.	5.30	- —
l.c.l., same basis.	100 lbs.	5.55	- 5.80
Ricinoleate, tech., bbls.	lb.	.12	- —
Sal., bgs., dlvd., N. Y.	100 lbs.	1.20	- —
works	100 lbs.	1.00	- —
bbls., dlvd., N. Y.	100 lbs.	1.30	- —
works	100 lbs.	1.10	- —
Salicylate, bxs.	lb.	.52	- —
Sesquicarbonate, bgs., c.l., works,	100 lbs.	1.50	- —
bbls., c.l., works.	100 lbs.	1.70	- —
bbls., l.c.l., Zone 1	100 lbs.	2.70	- —
2	100 lbs.	2.85	- —
3	100 lbs.	3.10	- —
4	100 lbs.	3.50	- —

Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and Caustic soda. The sales are also the same.

Sesquisilicate, dms., c.l., works,	100 lbs.	2.90	- —
10 dms. or over, dlvd., N. Y. C.	lb.	4.00	- —
1-9 dms.	lb.	4.25	- —
Silicate, 40° turbid, dms., c.l., works.	100 lbs.	.80	- —
l.c.l., 5 or more, works,	100 lbs.	1.05	- —
1 to 4, works.	100 lbs.	1.20	- —
52°, dms., c.l., works.	100 lbs.	1.40	- —
l.c.l., 5 or more, works,	100 lbs.	1.65	- —
1 to 4, works.	100 lbs.	1.80	- —
Silicofluoride, dom., bbls.	lb.	No prices	
import, bbls.	lb.	.05¾-	.06⅛
Stannate, dms.	lb.	No prices	
Stearate, lump, powd., bbls., works.	lb.	.19	- .24
Sulphate, anhyd., bgs., bbls., c.l., works.	100 lbs.	1.45	- 1.85
5 tons or over, works,	100 lbs.	1.70	- 1.90
less than 5 tons, works,	100 lbs.	1.95	- 2.15

cryst. (see Glauber's salt).

Sulphide, cryst., bbls., c.l., works.	100 lbs.	2.25	- —
l.c.l., 5 tons or over, dlvd.,	100 lbs.	2.75	- —
less than 5 tons, dlvd.,	100 lbs.	3.00	- —
solid, bbls., c.l., works,	100 lbs.	3.00	- —
l.c.l., 5 tons or over, dlvd.,	100 lbs.	3.50	- —
less than 5 tons, dlvd.,	100 lbs.	3.75	- —
Sulphite, cryst., bgs., 100 lbs., works.	lb.	2.10	- 2.35
bbls.	100 lbs.	2.30	- 2.55
powd., bbls., c.l.	100 lbs.	5.25	- —
l.c.l., 5 or more	100 lbs.	5.50	- —
1 to 4	100 lbs.	6.00	- —
Sulphocarbolate, cs.	lb.	.27	- .28
Sulphocyanide, dms., cns.	lb.	.28	- .47
Sulphydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works.	lb.	.05½-	—
l.c.l., works.	lb.	.06	- —
single dm. lots, works.	lb.	.08	- —
tanks, works.	lb.	.04½-	—
Sulphoricinoleate, bbls.	lb.	.12	- —
Thiosulphate (see Hyposulphite).			
Tungstate, CP, kgs.	lb.	No prices	
tech., kgs.	lb.	No prices	
Solvent, naphtha, dms., wks., gal. tanks, E. of Omaha, frt. alld.	gal.	.32	- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.27	- —
High-flash, dms., works, frt. alld.	gal.	.27	- —
tanks, came basis.	gal.	.31	- —
Sorbitol, com'l, solut., dms., c.l., works.	lb.	.26	- —
l.c.l.	lb.	.15½-	—
Soybean protein, bgs., c.l., works,	lb.	.16	- —
l.c.l., works.	lb.	.13¾-	—
Sparteine sulphate, cns.	oz.	.14	- —
Spearmint leaves, bls.	lb.	1.50	- 1.60
Spikenard root, bls.	lb.	.25	- .28
Spruce extract, reg., bbls., c.l., works	lb.	.21	- .22
tanks, works.	lb.	.01¾-	—
powd., super, bgs., c.l., works,	lb.	.01¼-	—
super, bbls., c.l., works.	lb.	.04	- —
tanks, works.	lb.	.01¾-	—
Squawvine, leaves, bls.	lb.	.01⅜-	—
Squill, red, bls.	lb.	.14	- .15
white, bls.	lb.	.20	- .21
powd., bbls., bxs.	lb.	.10	- .11
St. Ignatius beans, bgs.	lb.	.15	- .16
St. John's Bread, edible, bls.,	lb.	.45	- .46
inedible, bls.	lb.	.09	- .11
Starch, corn, pearl, bgs., f.o.b. Chicago.	100 lbs.	.07	- .09
dlvd., N. Y.	100 lbs.	2.60	- —
powd., bgs., f.o.b. Chicago,	100 lbs.	2.95	- —
dlvd., N. Y.	100 lbs.	2.70	- —
Potato, dom., bgs.	lb.	3.05	- —
import, bgs.	lb.	.05	-.0560
Rice, bbls.	lb.	.06½	Nom.
Sweetpotato, bgs.	lb.	.07¼	Nom.
bbls.	lb.	.05½-	.06
Wheat thick, boil, bgs.	lb.	.06	- .06½
Starch, iodide, bots.	lb.	.05½	Nom.
Staveacre, seed, bgs.	lb.	1.87	- —
Stearin, oleo, bbls.	lb.	.28	- .30
Stillingia, root, bls.	lb.	.06¼-	.06½
Stoneroot, bls.	lb.	.07½-	.08
Storax, cs.	lb.	.07½-	.08
Stramonium leaves, bls.	lb.	.60	- .65
Seed, bgs.	lb.	.18	- .19
Strontium bromide, fib. dms.	lb.	.20	- .21
kgs., 150 lbs.	lb.	.57	- .58
Carbonate, N.F., IV, 250-lb. bbls.	lb.	.55	- —
25-lb. bxs.	lb.	.30	- —
100-lb. kgs.	lb.	.35	- —
tech., 99-100%, precip., bbls.	lb.	.32	- —
Chloride, tech., bbls.	lb.	.23	- —
Iodide, bots., 5 lbs.	lb.	.18½-	—
jars, 25 lbs.	lb.	3.00	- —
Nitrate, dom., bbls., c.l., works.	lb.	2.06	- —
25 bbls. and over.	lb.	.07¾-	—
1-24 bbls. and over.	lb.	.08¼-	—
Strophanthus seed, Kombe, bgs.	lb.	.08¾-	—
Styalyl acetate, bots.	lb.	3.40	- 3.50
		6.75	- 7.00
Strychnine, cryst., cns., 100-oz. lots.	oz.	.60	- —
Acetate, 25-oz. cns., 100-oz. lots.	oz.	.79	- —
Arsenate, 25-oz. cns., 100-oz. lots.	oz.	.82	- —
Arsenite, 25-oz. cns., 100-oz. lots.	oz.	.79	- —
Glycerophosphate, 25-oz. cns., 100-oz. lots.	oz.	.80	- —
Hydrochloride, 25-oz. cns., 100-oz. lots.	oz.	.79	- —
Hypophosphite, 25-oz. cns., 100 oz. lots.	oz.	.91	- —
Nitrate, 25-oz. cns., 100-oz. lots.	oz.	.73	- —
Phosphate, 25-oz. cns., 100-oz. lots.	oz.	.80	- —
Sulphate, cryst., cns., 100-lots.	oz.	.50	- —
powd., cns., 100-oz. lots.	oz.	.40	- —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.	lb.	.43	- —
tech, bbls., l.c.l., works.	lb.	.40	- —
Sugar coloring, bbls.	gal.	.65	- 1.05
Milk, bbls., c.l.	lb.	.16	- —
l.c.l., 10 or over.	lb.	.17	- —
less than 10.	lb.	.18	- —
Sulfanilamide, 5 lbs., bots.	lb.	1.70	- —
fib., dms., 1,000 lbs., 1 delivery.	lb.	1.25	- —
100 lbs.	lb.	1.30	- —
25 lb. lots	lb.	1.45	- —
Sulfapyridine, powd., for hospitals, 5-grain bots.	bot.	1.25	- —
Sulphonethylmethane, kgs.	lb.	6.75	- 6.80
Sulphonmethane, kgs.	lb.	5.25	- —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts., long ton.		16.00	- —
f.o.b. steamers, Gulf ports, contract.	long ton.	17.50	- —
ex vessels, Atlantic seaboard, contract.	long ton.	20.50	- —
flowers, bgs., c.l., works.	100 lbs.	3.00	- —
bbls., works.	100 lbs.	3.35	- —
l.c.l., bgs., works.	100 lbc.	3.35	- 3.75
bbls., works.	100 lbs.	3.70	- 4.10
refined, broken, bgs., c.l., works,	100 lbs.	2.15	- —
bbls., works.	100 lbs.	2.30	- —
l.c.l. bgs., works.	100 lbs.	2.50	- 2.90
bbls., works.	100 lbs.	2.65	- 3.05
flour, comm'l, bgs., c.l., works.	100 lbs.	1.60	- —
bbls., c.l., works.	100 lbs.	1.95	- —
l.c.l., bgs., works.	100 lbs.	1.95	- 1.95
bbls., works.	100 lbs.	2.30	- 2.70
extra fine, bgs., c.l., works,	100 lbs.	2.85	- —
bbls., works.	100 lbs.	3.29	- —
l.c.l., bgs., works.	100 lbs.	3.20	- 3.60
bbls., works.	100 lbs.	3.55	- 3.95
heavy, bgs., c.l., works.	100 lbs.	2.55	- —
bbls., works.	100 lbs.	2.99	- —
l.c.l., bgs., works.	100 lbs.	2.90	- 3.30
bbls., works.	100 lbs.	3.25	- 3.65
light, bgs., c.l., works.	100 lbs.	2.03	- —
bbls., works.	100 lbs.	3.00	- —
l.c.l., bgs., works.	100 lbs.	3.00	- 3.40
bbls., works.	100 lbs.	3.35	- 3.75
rock, virgin, bbls., c.l., works.	lb.	.07	- .09
multi-unit, cars, works.	lb.	.04½-	.07
tanks, works.	lb.	.04	- .06
refrigeration, cyls., works.	lb.	.16	- .40
multi-unit cars, works.	lb.	.07¼-	.10
multi-unit cars, works.	lb.	.07¾-	.10
Iodide, bots., jars.	lb.	3.90	- 4.05
Precipitated, USP, bbls.	lb.	.17	- .22
Sumac, grd., Sicilian, f.a.s.	ton.	125.00	- —
leaf, f.a.s.	ton.	125.00	- —
Extract, 42°, bbls.	lb.	.06	- .06⅜
51° bbls.	lb.	.07	- .07¼
stainless, bbls.	lb.	No prices	
Berries, bgs.	lb.	.14	- .15
Sunflower seed, Calif., large, bgs.,	lb.	.07	- .07¼
medium, bgs.	lb.	.06	- .06¼
poultry, bgs.	lb.	.05	- .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.,	ton.	9.00	- —
run-of-pile, basis 16%, bulk, same basis.	ton.	8.50	- —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto.	unit-ton.	.70	- —

T

Talc., dom., Calif., 1, bgs., c.l., mills.	ton.	20.00	- —
2, bgs., c.l., mills.	ton.	17.00	- —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills,	ton.	14.00	-16.00
l.c.l., mills.	ton.	16.00	-1800
96-98%, 325 c.l., mills.	ton.	15.00	-17.00
l.c.l. mills.	ton.	17.00	-19.00
98-99½%, 325 mesh bgs., c.l., mills.	ton.	15.25	-17.25
l.c.l., mills.	ton.	17.25	-19.25
fibrous, 90.85-99.95%, 325 mesh, bgs., c.l., mills.	ton.	17.00	-19.00
coarse, off color, bgs., c.l., mills.	ton.	11.00	-13.00
Ohio, flake type, grd., bgs., c.l., mills.	ton.	21.00	- —
l.c.l., mills.	ton.	24.50	- —
Vermont, bgs., c.l., mills	ton.	14.00	- —
l.c.l., ex whse.	ton.	25.00	- —
Canad., bgs., c.l., mills.	ton.	11.50	-13.00
French, high-grade, bgs., l.c.l., ex whse.	ton.	45.00	-60.00
ordinary, bgs., c.l., ex dock, arrival.	ton.	23.00	-25.00
l.c.l. ex whse.	ton.	27.50	-35.00
Italian, 1, bgs., ex dock, arrival,	ton.	67.00	-70.00
ex whse.	ton.	75.00	-78.00
2, bgs., ex dock, arrival.	ton.	64.00	-67.00
Tallow, animal, edible.	lb.	.05¼	Nom.
extra, loose.	lb.	.04¾-	—
special, loose.	lb.	.04⅝-	—
vegetable, ship, cs.	lb.	.06	Nom.
sulphonated, 35% (24% fat). dms., c.l.	lb.	.03¾	Nom.
l.c.l.	lb.	.04¼	Nom.
50% (43% fat), dms., c.l.,	lb.	.05¼	Nom.
l.c.l.	lb.	.06¼	Nom.
50% (48% fat), dms., c.l.	lb.	.05¾	Nom.
l.c.l.	lb.	.06¾	Nom.
kegs	keg.	6.00	- 8.00

Tamarind, No. 1, bbls.....lb. .07 - .08
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.00 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 3.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.00 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.00 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l. bulk, c.i.f. ports, March shipt...unit-ton. 3.25 & .10
Tansy leaves, bls.....lb. .22 - .23
Tapioca flour, bgs.....lb. .02¾- .04½
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .26 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms, c.l., dlvd. E. cities..gal. .27 - —
ports .....gal. .26 - —
l.c.l. .....gal. .27 - —
tanks, dlvd, E. cities....gal. 21. - —
Tarragon herb, bgs.....lb. .60 - .65
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
powd., bbls., 5 or more..lb. .34¾ Nom.
less than 5.....lb. .35 Nom.
USP, powd., bbls.....lb. .40 Nom.
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .82 - .85
Terpin hydrate, kgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .28 - —
dms .....lb. .25 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots.. works..lb. 5.00 - 7.00
Theobromine, dms., cns.....lb. 2.00 - 2.25
Sodiosalicylate, cns.....lb. 1.95 - —
dms. .....lb. 1.75 - 1.80
5-lb. bots.....lb. 2.11 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .18 - .18½
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo, root, powd., 4% rotenone, bbls..lb. .18 - .24
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .45 - —
Crystals, bbls., kgs.....lb. .36½- —
Metal, Straits.....lb. .46¾- —
Oxide, bbls.....lb. .51 - .53
Tetrachloride, anhyd., bbls...lb. .22¾- —
Titanium, dioxide, bgs., c.l., (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd..lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
l.c.l., 1,000-9,999 lbs., E. frt. pd..lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
50-999 lbs., E. frt. pd., lb. .13¾- —
Pac. Cst., ex whse..lb. .13¾- —
under 50 lbs., E. frt. pd., lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd, lb. .13¼- —
l.c.l., 5 tons, E. frt. pd...lb. .13¼- —
Pac. Cst., ex whse....lb. .13¼- —
1,000-9,999 lbs., E. frt. pd., lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd...lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk resistant, bgs., c.l. (20 tons), frt. pd..lb. .15 - —
l.c.l., 5 tons, frt. pd....lb. .15¼- —
1,000-9,999 lbs., frt. pd.lb. .15¼- —
50-999 lbs., frt. pd....lb. .15¾- —
Under 50 lbs., frt. pd..lb. .18 - —
bbls., c.l., (20 tons), frt. pd. lb. .15¼- —
l.c.l., 5 tons, E. frt. pd..lb. .15¼- —
Pac. Cst., ex whse..lb. .15¼- —
1,000-9,999 lbs., E. frt. pd. lb. .15¾- —
Pac. Cst., ex whse..lb. .15¾- —
50-999 lbs., E. frt. pd., lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
barium or magnesium base, bgs., c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05¼- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse....lb. .05¾- —
under 50 lbs., E., dlvd....lb. .06¼- —
calcium base, bgs., c.l., D. frt. alld..lb. .05 - —
l.c.l., dlvd.....lb. .05¼- —
Pac. cst., ex whse.....lb. .05¼- —
under 50 lbs., E., dvld....lb. .06 - —
bbls., c.l., D., frt. alld.....lb. .05¼- —
l.c.l., E., dlvd.....lb. .05½- —
Pac. cst., ex whse.....lb. .05¼- —
under 50 lbs., E., dlvd....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. 1.05 - 1.10
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .25 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .25 - —
1° nitration, dms., returnable, gal. .31½- —
tanks, E. of Omaha, frt. alld., gal. .26½- —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .26½- —
Tonga vine, F, bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .80 - .90
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works.....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Trichlorethylene, Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N, D. Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev. Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22¼- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
ance-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem., grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. No stocks
powdered, bgs.....lb. .18 - .18½
Madras, bgs.....lb. No stocks
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .38 - —
l.c.l., 10 ex dock.....gal. .40 - —
5 ex dock.....gal. .42 - —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .29 - .31
tanks, dlvd. E. cities....gal. .25 - —
steam-dist., dms., c.l., dlvd.gal. .31 - —
l.c.l., dlvd.....gal. .34 - —
tanks, dlvd.....gal. .26 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N.C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans..ton.95.00 - —
5 tons f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del..ton.95.00 - —
less than 5 tons, f.o.b. Newark, New York, Philadelphia..ton.101.00 - —
any quantity, f.o.b. Belle, W. Va..ton.95.00 - —
Import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
46% N., bgs., smaller lots, f.o.b. N. Y. from whse., ton.101.00 - —
purt., cs.....lb. .13 - —
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N., bulk, Jan. shipt., f.o.b. Belle, W. Va..ton.57.40 - —
Urea, nitrogen, imported, 40% N., bgs., Jan. shipt..ton.56.25 - —
30% N., bgs., Jan. shipt., ton.42.55 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .40 - .45
Valonia, beards, bgs., f.a.s..ton.47.00 - —
Cups, bgs., shipt., f.a.s..ton.35.00 -37.00
extract, powdered, 63%.....lb. .0565 Nom.
Vanilla beans, Bourbon, tins..lb. 5.75 - 6.25
Mexican, tins.....lb. 6.00 - 6.50
cuts, tins.....lb. 5.50 - 6.00
South American, tins.....lb. No prices
oleoresin, bots.....lb.18.00 -19.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb, tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs.....lb. .70 - .75
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .45 - .46
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.36.75 -38.00
Extract, solid, bgs.....lb. .04¼- —
Wax, bayberry, import, bgs...lb. .25 - .26
Bees, white, bleach, slabs, cs., 5 case lots..lb. .38 - —
1 ca. lots.....lb. .38½- —
cakes, 5 cs., lots.....lb. .39 - —
1 ca., lots.....lb. .39½- —
discs, 5 cns., lots.....lb. .40 - —
1 ca., lots.....lb. .40½- —
Wax, bees, yellow, crude, Africa, 10-bg. lots..lb. .26 - .26½
1 bg.....lb. .26½- .27
Brazil, bgs., 5-10 lots..lb. .26 - .26½
1 ton.....lb. .26½- .27
500 lbs.....lb. .27 - .27½
100 lbs.....lb. .27½- .28
refd., slabs, cs., lbs.....lb. .31 - .33
Candelilla, bgs., 1 ton.....lb. .18 - .18½
jobbing lots.....lb. .18½- .19
Carnauba, No. 3 chalky, bgs., 1 ton. .51½- .52
5 bgs.....lb. .52 - .52½
1 bg.....lb. .52½- .53
N. C., 2 bgs., 1 ton.....lb. .56 - .57
N. C., 3 bgs., 1 ton.....lb. .53 - .53½
5 bgs.....lb. .53½- .54
1 bg.....lb. .54 - .54½
refined, bgs.....lb. .57 - .58
yellow, No. 1, bgs, 1 ton...lb. .75 - .76
5 bgs.....lb. .75½- .76½
1 bg.....lb. .76 - .77
No. 2, bgs.....lb. .73 - .74
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .11½- .12
jobbing lots.....lb. .12½- .13
150°-160° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
160° m.p., bgs., 1-ton.....lb. .13½- .14
jobbing lots.....lb. .14½- .15
Japan, cs.....lb. .15½- .16
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
Snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.54 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.16.00 -20.00
l.c.l., works.....ton.18.00 -22.00
bbls., c.l., work.....ton.19.00 -24.00
l.c.l., works.....ton.21.00 -26.00
pap. bgs., c.l., works....ton.15.00 -18.00
l.c.l., works.....ton.17.00 -20.00
wet.-grnd., bip., bgs., c.l., works..ton.18.50 -22.50
l.c.l., works.....ton.19.00 -23.00
bbls., c.l., works.....ton.21.00 -25.00
glider's bolted, bip., bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 - —
bbls., c.l., works.....ton.20.00 -21.50
l.c.l., works.....ton.21.00 -22.00
pap. bgs., c.l., works..ton.17.00 -18.50
l.c.l., works.....ton.18.00 -19.00
Paris white, bip., bgs., c.l., works..ton.19.00 - —
l.c.l., works.....ton.20.00 - —
bbls., c.l., works.....ton.22.50 -27.50
l.c.l., works.....ton.22.00 -28.00
pap. bgs., c.l., works..ton.19.60 -25.10
l.c.l., works.....ton.20.00 -26.50
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l. ton. 9.65 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
99%, 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
Gliders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c.l., works, ton.12.50 - —
extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works..ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works...ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton. No prices
80 mesh, bgs., ex dock....ton. No prices.
100 mesh, bgs., ex dock...ton. No prices.
120 mesh, bgs., ex dock...ton. No prices.
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .18 - .20

X

Xylol (xylene), indus., dms., returnable, works..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
10°, dms., returnable,works.gal. .35 - —
tanks, E. of Omaha, frt .alld. gal. .30 - —
5°, dms., returnable, works, gal. .42 - —
tanks, E. of Omaha, frt. alld..gal. .40 - —
3°, dms., returnable, works..gal. .47 - —
tanks, E. of Omaha, frt. alld..gal. .45 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .55 - —
bottles, same basis.....lb. .60 - .64
imp., bbl., same basis....lb. .55 - —
Cadmium, CP, import., bxs.., lb. 1.35 - 1.70
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis..lb. .55 - —

Tamarind—Zinc Oxide

Yellow, cadmium lithopone, all shades, kgs., ton lots, same basis..lb. .56 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.....lb. .13¼- —
open order.....lb. .14¼- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .05¾- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
yellow, G, bbls., works...lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto., Boston, N. Orleans, for import, lb. .02475 Nom.
New York (f.o.b.)..lb. .02¾ Nom.
Philadelphia for import..lb. .02¾ Nom.
ex dock., San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
Phila., for import....lb. .02¾ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom.
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis..lb. .03¾ Nom.
New York.....lb. .03 Nom.
Pittsburgh .....lb. .03¼ Nom.
Portland, Seattle....lb. .03¾ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
f.o.b. N. Y., from dock, lb. .02½ Nom.
from whse.....lb. .03¼ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
Persian orange (See O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .12
Yerba santa leaves, bls.....lb. .09 - .10
Yohimbine hydrochloride, via..oz. 2.85 - 4.00

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., works, lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bags.....lb. .12¼- —
Zinc arsenite prices are on a frt. alld. basis to dest, in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls...lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
USP, 200-lb. dms.....lb. .25 - —
25-lb. jars.....lb. .31 - —
solution, 50%, dms., c.l., works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., bbls., dlvd.....lb. .08¼- —
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Fluoride, bbls.....lb. .20 - .25
Metal (see daily quotations in Market report).
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
bgs., l.c.l., ex whse., Pac. cst.....lb. .06½- .07¾
bbls., c.l., dlvd....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cts..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
Leaded, 5%, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
35%, c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
35%, bbls., c.l., dlvd...lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
bgs., l.c.l., ex whse., Pac. cst..lb. .06½- —
50%, bgs., c.l., dlvd., except Pac. cst..lb. .0606- —
dlvd., Pac. cst..lb. .0612- —
l.c.l., dlvd., except Pac. cst..lb. .0631- —
bgs., ex whse., Pac. cst..lb. .0637- —
bbls., c.l., dlvd....lb. .0637- —
l.c.l., ex whse., Pac. Cst. lb. .0662- —

—Continued on page 51

Oil, Paint and Drug Reporter

Founded October 18, 1871, by
William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc. Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York, U. S. A. Telephone REctor 2-9820. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Member—Audit Bureau of Circulations.

Entered at the Post Office at New York as second class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1940, by
Oil, Paint and Drug Publishing Company, Inc.

Vol. 137 March 25, 1940 Number 13

Minimum Chemical Wages

The approaching hearing looking to the determination of prevailing minimum wages in the chemical and related products industry in accordance with the Walsh-Healey public contracts act will pose some perplexing questions with reference to the interpretation and application of that law. The scope of the definition of the industry embraces such a variety of products, in nature and in value, that the ordinary labor employed in their production ranges over many degrees of necessary intelligence and judgment, from ability to interpret certain process steps to sense enough to know which end of a shovel to take hold of.

It will be impossible to determine a minimum wage on the basis of a similar industry or even of a similar substantial group, for these do not exist. The practicable determination will have to be based on similar work, and even that will require a deal of adjustment. And it is impossible to conceive how reasonable and just application of the law can be achieved without much subdividing and special classification.

The public contracts act presents a problem in respect of the chemical industry also in its limiting of the workday of labor to eight hours; it does not permit adjustments of single shifts to make up the total of forty hours in one week. Many operations in the chemical industry demand more than eight hours of continuous work on the part of certain wage-earners. The law provides that exceptions may be made with reference to the maximum workday, but requires that time in excess of eight hours be paid for at one and one-half the basic hourly rate. In certain instances this would oblige the government to pay more for a chemical product than the customary market price in respect of which the adjustable working shifts permitted under the wage and hour law would result in a lower labor cost.

The law requires that the prevailing minimum wage be determined, not an average wage. It is very desirable that the assistance of the industry be accepted in this complicated undertaking.

Too Many Minimums

Reasonableness based on all possible knowledge of conditions should be the guide in the determining of minimum wages for any industry under the Walsh-Healey act. And the procedure and decision should give due consideration to the effects of such determinations on the general public—they can compel the consumer to pay excessively.

The Walsh-Healey act has no direct effect on the labor cost of producing goods for sale otherwise than on public contracts. But, indirectly, the fixing of a minimum wage with reference to public contracts does reach eventually to the field of general commerce. It is seized upon by labor organizers as an opportunity to demand that the wage so fixed be the minimum for the industry whatever the channel through which its products may be sold. The next step is to go into other industries and dissatisfy the workers with a comparison of their wages and those which have been fixed higher. Two minimum wage scales are one too many.

—O-P-D—

More Medical Care Ideas

The past week brought into publicity two more ideas on the providing of more adequate medical care. One idea, embodied in a bill introduced in Congress, would provide allotments from the Federal old-age pension fund to defray hospital and doctor costs of unemployed persons who had contributed to that fund in payroll taxes. The other, advanced by the president-elect of the American Medical Association, would establish a health office in the cabinet of the President of the United States, co-ordinate all Federal activities in health and related fields, and provide a sort of guiding spirit and convenient pocketbook for the local betterment of various health activities, including care for the proven needy.

Thoroughly analyzed, neither of these plans promises much with reference to the existing need for medical care that is better as a whole. The first plan would stop with unemployed who had paid payroll taxes. The author of the bill assumably estimates that there are 375,000 in that category, which is not a very substantial part of even the smallest estimated number of unemployed. Furthermore, while the proposed use of the old-age fund might be more appropriate than are some uses which are being made of the money, it would be a nonreplaceable drain on the fund and could be detrimental to the welfare of the aged in due time.

This new medical care bill has a corollary, a sort of extraction from the Wagner bill to provide Federal funds matching State contributions for the supplying of "vital medicines" to the needy. The source of these funds is something to be thought about in another direction.

The A.M.A. official's idea was somewhat sketchily presented. Three things appear to stand out in it, aside from the major item of a Federal secretary of health; these are (1) opposition to any matching of Federal and State funds for the hiring of doctors; (2) demand that the secretary of health be a licensed doctor; and (3) local responsibility for local demand.

There can be no argument against the first point; political medicine is fundamentally and in every other way undesirable. As to the second point, while it is easy to agree with the proposer that the secretary of health should not be "a political theorist who cannot know medical care of the sick because he has never practiced it," there is no apparent reason to follow him to the conclusion that a licensed doctor has any more appropriate qualification for the broad functions which he suggests for the new department. In respect of the third point, it is a bit puzzling to see an A.M.A. official quoted thus:—

> I believe that an American health program should operate from the periphery toward the center.

Considering how medical affairs are, at least allegedly, ordered from Chicago, it must be assumed that the exalted doctor's plan presupposes a wheel within the wheel of his metaphor.

—O-P-D—

Housing Is an Opportunity

All industries which have a part in the providing of housing can find in this enterprise a potent agent for the promotion of business as a whole. This is true with respect to the financing division of business, as well as its operating divisions. It is probable, almost certain, that, if the operating groups through concerted consideration and cooperation would present a practicable program, the way thus opened for the employment of idle capital would be attractive to those who have such funds in their hands.

It should be obvious that the various groups of the construction industry which are concerned with the providing of housing, before they can hope to interest capital, must see that their houses are rid of even the suspicion of practices that cannot be reconciled with the best interests of the public. Perhaps there was a time when financing agencies were not over-particular with respect to the character of the enterprises which they supplied with capital. Such is not the case today—attribute the change to whatever influence you may.

Housing, properly planned and properly carried out, can rehabilitate business. The requirements of such construction in materials and in labor spread widely, and the meeting of them would benefit many. The effects of a sound housing undertaking would far outreach those of even the automotive industry in the stimulation of a variety of businesses. And, unlike that industry, housing would not grow too big for the country; would not have to seek markets abroad and necessitate the importation of depressingly competitive goods to balance the trade. It could find an almost unlimited market at home.

The one need for the launching of a campaign to meet the multibillion-dollar inadequacy of proper housing is a practicable plan. In the construction of such a plan full consideration must be given to the possibilities of modernization, as well as to those of new building. The fact must be faced that there is a vast economic handicap to the low-cost single dwelling in comparison with the low-rental multiple dwelling—as long as industry is closely centralized. A practicable housing plan offers numerous problems whose solution is far from simple. But, this is what makes it something that should attract real business ability, something that measures up with the tasks of the past by which business was tried and strengthened.

1923* PRESIDENT COOLIDGE IS INAUGURATED

*1923 In 1923 Chas. Pfizer & Co., Inaugurated the First Commercial Production of Citric Acid from Native Raw Materials

¶ Until 1923, citric acid was produced in this country from citrate of lime, which had to be imported from countries growing citrus fruits in quantity. It had long seemed to Chas. Pfizer & Co. definitely unfortunate that a constituent of so many domestic foods, soft drinks and medicinal products, should have to be produced from crude material controlled by a foreign monopoly.

¶ After more than twenty years of painstaking research, Chas. Pfizer & Co. perfected in 1923, a new process for commercial production of citric acid from sugar.

¶ The large-scale production of citric acid made possible by the Pfizer process resulted in higher purity, lower prices and expanding markets. New markets of promise for citric acid today include the plastics, plasters, adhesives, lacquers, inks, varnishes, and many more.

¶ This is only one of many notable achievements in the ninety-year history of Chas. Pfizer & Co. that have made this firm's name known and respected throughout the world.

CHAS. PFIZER & CO. INC.

81 MAIDEN LANE, NEW YORK, N. Y. 444 WEST GRAND AVE., CHICAGO, ILL.

MANUFACTURING CHEMISTS SINCE 1849

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone DIgby 4-2181 NEW YORK CITY

Turner
LIQUID CAUSTIC SODA
DRUMS-TANK CARS-TANK WAGONS
JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
RIDGEFIELD, N. J. 630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

BARIUM REDUCTION CORPORATION
Manufacturers of
Precipitated Barium Carbonate
Barium Chloride Crystals
Anhydrous Barium Chloride
Barium Sulphate
Barium Oxide
Barium Peroxide
Barium Hydrate
Barium Sulphide
Sodium Sulphide
Sodium Sulphydrate
Hydrogen Sulphide Gas
Ammonium Sulphide
Strontium Oxide
Strontium Peroxide
OFFICE AND WORKS: SOUTH CHARLESTON, W. VA.

PHILIPP BROTHERS, Inc.
70 PINE STREET BOwling Green 9-1313 NEW YORK
CABLE ADDRESS: "PHIBRO"
CHEMICALS
PIGMENTS
SOLVENTS
Providence New York Boston

COPPER SULPHATE
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE · 30 CHURCH ST.

Heavy Chemicals

Business Marks Time—Export Business Less Active—Seasonal Chemicals Sluggish—Tin Salts Easier—Domestic and Imported Magnesite Prices Lower

The market for heavy chemicals lacked any evidence of renewed buying interest last week. Volume, however, did not decline appreciably, and, if anything, some slight improvement was noticeable. Business continued to make a satisfactory comparison with the like period a year ago. Seasonal chemicals were sluggish, weather conditions were not entirely conducive for any sustained buying at this time. Industrial operations did not change a great deal in either direction. With the time for second quarter contract adjustments at hand, it appeared quite likely that schedules for basic chemicals would not be altered.

While export business was running well ahead of a year ago, there has been a decline in new business. This was partly explained that European countries, both belligerents and neutrals, were taking a more progressive part in world markets, particularly in South American trade. Prices for export were more competitive than previously, and as a result many inquiries reaching the domestic market were not accepted. Producers on the other hand were only offering materials that would not affect domestic market conditions.

Alums.—Quotations firm. Contract shipments steady.

Alumina Hydrate.—Trading lacked broadening. Prices well maintained.

Ammonia Aldehyde.—Business routine. No change in prices.

Ammonia Anhydrous.—Inquiry improved slightly. Shipments not heavy. Prices ruled firm.

Ammonia Aqua.—Transactions fair. Pricewise firm tone predominated.

Ammonia Bicarbonate. — Orders placed for nearby needs only. Firm price tone.

Ammonia Bifluoride.—Trading dull. Prices failed to change.

Ammonia Carbonate. — Consumers made necessary replacements. Prices were unchanged.

Ammonia Fluoride.—Business quiet. Prices well sustained.

Ammonia Nitrate.—Satisfactory inquiry, with business moderate.

Ammonia Perchlorate.—Market position strong, and transactions routine.

Ammonia Persulphate.—Small lots made up the call. Prices firm.

Ammonia Phosphate.—Market lacked any new feature. Quotations unaltered.

Ammonia Silicofluoride.—Little interest displayed. Prices about steady.

Ammonia Sulphide.—Quotations unchanged and firm: Buying moderate.

Ammoniac Sal.—New business less active, shipments fairly steady. Prices firm. January imports 1,695,461 pounds, valued $27,171, of which 1,579,869 pounds came from Germany.

Antimony.—Dealings confined to occasional small lots. Prices unchanged.

Antimony Oxide. — Demand dull. Prices about steady.

Arsenic.—Movement of white satisfactory, while interest in the red was not broad. Quotations held firm. January imports of white 1,792,401 pounds, valued at $40,555, of which 1,399,569 pounds came from Mexico.

Barium Carbonate. — Moderate inquiry. Quotations lacked change.

Barium Chlorate.—Market quiet. No change occurred in the prices.

Barium Chloride.—Buying limited to nearby needs. Prices ruled unchanged.

Barium Hydrate.—Domestic and imported quotations unchanged. Business fair.

Barium Nitrate.—Sellers adhered to former prices. Demand light.

Bleaching Powder.—Fair export inquiry. Domestic shipments only moderate. Prices were firm. January imports, 95,831 pounds, valued at $1,762.

Blue Vitriol.—Shipments for agricultural and industrial purposes moderately active. Exports hold up well. Prices remain firm. January exports, 4,706,667 pounds, valued at $189,070.

Calcium Acetate.—Quotations firm. Trading dull.

Calcium Carbide.—Prices well maintained. Buying not active.

Calcium Chloride.—Call for ice control receding; other demand favorable. No change in prices.

Carbon Bisulphide.—Moderate activity. Prices well maintained. January exports, 677,029 pounds, valued at $29,169.

Carbon Tetrachloride.—Transactions spotty. Pricewise firm tone prevailed.

Chlorine.—New buying still restricted, but sufficient interest to keep market position favorable.

Cobalt Oxide.—No change in prices. Shipments limited to regular channels. January imports, 67,852 pounds, valued at $101,831.

Copper. — Sales light. Producers' price unchanged, smelters not quoting. Outside market, 11¼c. to 11⅜c. per pound. Export inquiry quiet, price range 11.40c. to 11.45c. per pound.

Copper Salts.—Prices steady and unchanged. Buying confined to necessary replacements.

Copperas.—Firm price tone. Shipments steady to regular channels.

Feldspar. — Quotations without change. Business only fair.

Fluorspar.—Market lacked any change. Business moderate and prices well maintained.

Glauber's Salt. — Buying failed to broaden. Quotations unaltered.

Lead Acetate.—Demand routine. Price tone steady and unchanged.

Lead Nitrate.—New business light. No change in the prices.

Magnesite. — Domestic calcined reduced $4, ranging from $58 to $62 per ton, reflecting adjustment of freight rates. Imported followed domestic market. Business satisfactory.

Manganese Dioxide. — Fair movements against contracts. Prices ruled unchanged.

Manganese Sulphate, Anhydrous.—Prices were firm and unchanged. Transactions moderate.

Methyl Chloride. — Market lacked any change, with business routine.

Nickel Salts. — Buying remained

Price Changes

Advanced

Salt, vacuum common, c.l., 40c. per ton.

Reduced

Magnesite, Calcined, dom., $4 per ton.
imported, $4 per ton.
Tin, Straits, 1c. per lb.
crystals, ½c. per lb.
stannous chloride, anhy., ½c. per lb.
tetrachloride, anhy., ½c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
150.6	150.6	153.8	146.9

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	101.6	101.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

spotty. Pricewise a firm tone prevailed.

Phosphorus. — Shipments held to regular consuming channels. Quotations unchanged.

Potash Carbonate. — New business tapered. Shipments steady. Prices firm. January imports 12,229 pounds, valued at $740.

Potash, Caustic.—Business moderate. Prices well maintained. January imports 21,031 pounds, valued $4,510.

Potash Chlorate.—Market firm. Supplies adequate for regular consumers. January imports 758,364 pounds, valued $39,984.

Potash Metabisulphite. — Demand without feature. No change occurred in the prices.

Potash Permanganate.—Regular consumers made moderate replacements. Quotations firm and unchanged.

Salt.—Car lot price vacuum advanced 40c. per ton to conform with higher freight rates. Business quiet.

Saltcake.—Prices nominal. Demand moderate. January imports 10,457 tons, valued $171,670.

Saltpeter.—Fair inquiry, shipments steady. Prices without change.

Soda Acetate.—Buying irregular. Prices remain firm.

Soda Ash.—Demand irregular. Export inquiry normal. Prices unchanged. January exports 12,417,419 pounds, valued at $162,552.

Soda Bicarbonate.—Dealings routine. Prices without change. January exports 1,898,681 pounds, valued $262,335.

Soda Bifluoride.—Market dull. No change disclosed in prices.

Soda Bisulphite.—No broadening in business. Prices ruled unchanged.

Soda, Caustic.—New business lacked expansion. Prices were unaltered. January exports 21,151,833 pounds, valued $465,042.

Soda Chlorate.—Withdrawals fair. Quotations were the same.

Soda Cyanide. — Occasional good buying. Market lacked any price change. January exports 660,092 pounds, valued $78,887, while imports were 3,701,900 pounds, valued $171,610.

Soda Hydrosulphite.—Steady movement against contracts. Spot offerings small. Prices firm.

Soda Metasilicate.—Shipments moderate. Prices unaltered.

Soda Nitrite.—Firm price tone, less activity.

Soda Phosphate. — Replacements made to meet nearby requirements. Prices were firm. January exports 551,825 pounds, valued $23,747.

Soda Pyrophosphate. — Shipments were satisfactory against contracts. Quotations unchanged.

Soda Silicate.—Demand well diversified for moderate quantities. Pricewise firm tone prevailed. January exports 1,521,079 pounds, valued at $36,684.

Soda Silicofluoride. — Domestic moved moderately against contracts. Imported offered not large. Prices firm. January imports 797,955, valued at $19,980, all of which came from Denmark.

Soda Stannate.—A leading seller quoted prices ranging from 30c. to 34c. per pound, according to quantity. Business moderate.

Strontium Carbonate.—Market quiet. Quotations in conformity with those established previously.

Strontium Chloride.—Interest lagged in this direction. Pricewise a firm tone prevailed.

Sulphur Refined.—Better inquiry for agricultural purposes, industrial consumers made necessary replacements. Prices ruled firm.

Tin Salts.—Prices declined ½c. per pound; tin crystals 36½c. per pound; anhydrous stannous chloride 45c. per pound and anhydrous tetrachloride 22¾c. per pound. Straits metal dropped to 46⅝c. per pound.

Uranium Oxide.—Market position strong. Demand steady.

Zinc Chloride.—Fair movement against contracts. No change in prices.

Zinc Sulphate.—Price tone held firm. Moderate replacement business.

Acids

New business lacked much change in the market for mineral acids last week. Withdrawals were moderate in practically all instances to conform with nearby requirements. Offerings of some acids like naphthenic and oxalic were limited, with sellers well booked ahead against current production. Prices were without any change, and the general tone was firm.

Acetic. — New business moderate. Prices held steady. January exports 838,834 pounds, valued $65,459.

Battery. — Shipments routine. No change in the prices.

Chromic.—Firm price tone. Demand moderate.

Formic.—The market lacked much change. Prices well retained.

Gallic.—Prices continued very firm; no further changes. Withdrawals modest.

Hydrofluoric.—Call confined to small quantities as a rule. Prices ruled unchanged.

Lactic. — Buying irregular. No change disclosed in the quotations.

Naphthenic. — Quotations nominal. Sellers were sold ahead.

Muriatic.—Steady interest against contracts. Price tone firm.

Nitric.—Market position remains favorable. Moderate demand.

Oxalic.—Withdrawals limited to regular consumers. Prices very firm.

Phosphoric.—Small quantities made up the call. Quotations unchanged.

Sulphuric.—Demand limited to nearby requirements. Pricewise a firm tone prevailed.

Tannic. — No further change in prices. Good inquiry.

Baltimore, March 20.—The market for sulphuric acid is unchanged as far as surface indications go, with the producers able to take care of the more urgent needs, but with no such surplusage as would prompt an easing in the quotations, which stand nominally at $12 per ton for 60 degree and at $15 per ton for 66 degree supplies. The market for 20 percent oleum is also about what it has been, with trading what might be expected, and the price of $17 per ton still the guiding figure.

—Continued on page 26

Drug Sales Up in January

January sales of twenty-four manufacturers of pharmaceuticals and proprietary medicines reporting to the Bureau of Census were nearly a third higher than during December. Inventories of eleven firms showed little change during January but at the end of the month were about a tenth higher than a year earlier. Sales of wholesalers of drugs and drug sundries recorded a contraseasonal gain of 10 percent over December. Inventories increased 4 percent during January. The collection ratio was somewhat improved in January. Sales of independent drug stores declined seasonally from December to January, but exceeded January, 1939, by 6 percent. Chain drug stores sales were about 3 percent above January a year ago.

The Young Man In Industry

—Continued from page 3

to remember is, the more he studies almost any phase of work, the greater will be his appreciation of the breadth of the field and its hidden possibilities. As these possibilities begin to appear they act as sparkplugs, continually stimulating his interest.

One time a divisional superintendent was asked whether he always had the right man available when he needed a new leader. His answer was "No." It seemed he always had to compromise in some respect. This unfortunate situation which no doubt obtains in many modern industries soon would be remedied to the great benefit of both employer and employed if young men would really practice preparedness and have more patience and more faith in their own future.

Charles J. Brand, executive secretary of the National Fertilizer Association, will visit central Pennsylvania March 27. He will address the Reading Kiwanis Club at luncheon and the Inland Fertilizer Association, in Lancaster, at 4:00 p.m.

1
Controlled
MANUFACTURE
2
Scheduled
DELIVERIES
3
Guaranteed
PURITY
ALKALI
YOU
come first with DIAMOND
DIAMOND'S
3 Fold Protection
for the USERS of ALKALIES
● Diamond's unique system of Controlled Manufacture enables us to put you and your specific requirements in the number one spot among our "musts". There need be no compromise between what you want and what we can make—for with our closely controlled manufacturing processes, the alkalies you get are exactly what you ordered! And as a corrolary, our deliveries are made when and as promised. You are protected against unexpected delays by our system of Scheduled Deliveries.
Add to these advantages Diamond's Guarantee of Purity, and you have (at no extra cost!) full protection against alkali troubles. We invite you to check into Diamond 3-fold protection—to find out for yourself how it can help you.
DIAMOND ALKALI COMPANY
Pittsburgh and Everywhere

SODIUM BICHROMATE
SODIUM HYDROSULPHITE concentrated
TANNIC ACID technical and U.S.P.
POTASSIUM CARBONATE calcined
POTASSIUM CHLORATE
BLEACHING POWDER
METABISULFITE OF POTASH
PERCHLORATE OF POTASH
CARBON TETRACHLORIDE
OXALIC ACID crystals
CAUSTIC POTASH
SODA ASH
CAUSTIC SODA solid and flakes
ACETONE C. P.
FORMIC ACID 85%
GLYCERINE C. P.
BARIUM CHLORATE
BARIUM PEROXIDE

Ask for our catalogues

PAUL'S America's source of.. CHEMICALS • BOTANICAL DRUGS • OILS • WAXES • ALLIED LINES

EDWARD P. PAUL & CO., Inc.
Manufacturers, Importers and Exporters
Chemicals, Botanical Drugs and Oils
Offices: 1133 BROADWAY, NEW YORK
Cables: EDPAUL

EDWARD P. PAUL & CO. INC. 1133 BROADWAY Established 1868 NEW YORK, N.Y.

Fulton WATERPROOF PAPER - LINED Bags

Save money—replace more expensive containers with Fulton Waterproof Paper Lined Bags for shipping, storing chemicals, pigments and any products that require sift-proof and moisture-proof containers. Bags are cheaper, store more easily and save you freight.

If you are now buying Waterproof Paper Lined Bags, we can furnish you a bag second to none at a price that will interest you. Quick shipments from Atlanta, Georgia and St. Louis, Missouri. Please send us your requirements—prices furnished promptly.

FULTON BAG & COTTON MILLS
Manufacturers since 1870
ATLANTA ST. LOUIS NEW YORK NEW ORLEANS
MINNEAPOLIS DALLAS KANSAS CITY, KANS.

Heavy Chemicals

—Continued from page 25

Insecticides

Weather conditions in most sections continued to retard any substantial movement of material last week. A few scattered instances in some Southern territories, where conditions were more normal, reflected in moderate movements of certain materials. Export business continued satisfactory, particularly to South and Central American countries. There were no further price unsettlements in calcium or lead arsenate, and quotations appear to be stabilized around the current levels.

Bordeaux Mixture.—Fair inquiry, but little activity. Prices unchanged.

Calcium Arsenate.—Movement continued narrow. No further price adjustments. January exports 336,860 pounds, valued at $15,504.

Lead Arsenate.—Quotations lacked any new changes. Buying restricted. January exports 38,076, valued at $4,261.

Nicotine Sulphate.—Trading dull. Prices remain firm. January exports 75,564 pounds, valued at $45,025.

Paris Green.—Buying continued dull. Quotations ruled unchanged.

Soda Arsenate.—Moderate interest. Prices well sustained.

Zinc Arsenite.—Prices were unchanged and firm. Demand quiet.

Mission Chemical Company has been started in San Diego, Cal., by C. V. Bennet and P. F. Witham, with headquarters at 539 Ninth avenue.

VICTOR
Chemicals
FORMIC ACID
85% and 90% Strengths
Noted for its purity, uniformity, and stability. Will not darken when exposed to light. Will not cloud up when diluted. Free from sulphuric acid, sulphur-bearing compounds, and chlorides.
Write for Victor Chemical Catalog
VICTOR CHEMICAL WORKS
141 West Jackson Boulevard, Chicago, Illinois

Trade Briefs

Linde Air Products has got a permit to construct a $7,800 warehouse at 4771 Worth street, Los Angeles.

American Oil & Supply Company, Newark, N. J., is observing this month its forty-fifth anniversary.

Permutit Company, water softeners, this city, has elected to its directorate E. B. Schley, G. Mahler, and S. P. Applebaum.

Hooker Electrochemical Company has applied for a permit to erect an addition to its plant at Niagara Falls, N. Y. to cost $30,000.

Basil Harris, collector of customs, will be the speaker at the annual meeting of the National Council of American Importers at the Hotel Astor, this city, April 25.

Harpers Chemical Products Company is a new enterprise at 304 Granger building, San Diego, Cal. It has been launched by H. J. Harper, Anna McGrath, and P. L. Kelso.

Chemicals and explosives were bought for WPA projects this year at an estimated average of $500,000 a month; paints and varnishes, $400,000; petroleum products $900,000.

Maryland Oxygen Company has been chartered under Maryland law to deal in oxygen, acetylene, and other products, with a capital stock of 150,000 shares of a par value of $1 a share.

Consumer movement will be analyzed in a symposium in the Chemists' Club, this city, April 24, from the viewpoints of producers, distributors, advertisers, and commercial laboratories.

Container Corporation of America, this city, has arranged for a $5,000,000 five year bank loan, the proceeds of which is to be used to retire all outstanding first mortgage bonds and debentures.

Macrocyclic syntheses are discussed by Alan Bell, of the research laboratories of the Eastman Kodak Company, Rochester, N. Y., in the March issue of the company's periodical, *Synthetic Organic Chemicals.*

Rumford Chemical Works, Rumford, R. I., has issued invitations for a libation and collation for March 26 at 5 p.m. in The Cottage, Hampshire house, 150 Central Park South, N. Y., to honor Count Rumford's birthday and new members of the Rumford family.

Sal Ammoniac Freights Reduced to Class Rates

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the Delaware, Lackawanna & Western railroad on sal ammoniac, bulk in bags or in barrels, car load, minimum weight 36,000 pounds, from Syracuse and Solvay to Albany on the Delaware & Hudson, 15 cents per hundred weight reduction from class rates. Effective April 5, 1940.

BARIUM HYDRATE and POROUS BARIUM OXIDE (Monoxide)
BARIUM AND CHEMICALS, Inc., Dept. A, Willoughby, Ohio
Successors to The J. H. R. Products Co. Send for informative booklet

Cuban American Manganese Corp.
Producers of
MANGANESE ORES
for
Open Hearth Use — Blast Furnace Use
Stocks maintained in Mobile and Baltimore
Sales Office:
122 East 42nd Street, New York, N. Y.

Dyestuffs, Textile and Leather Chemicals

Sumac Advances Further on Italian Export Restrictions — J1 Myrobalans Lower—Wattle Bark Slightly Easier—Tanning Extracts Firm — Bichromates Unchanged

While the market continued to show slight improvement in certain spots, the general volume did not expand a great deal last week. Some important divisions of the textile industry adjusted production schedules downward, after heavy backlogs were reduced. Shoe production was undergoing a moderate seasonal tapering. Price changes were confined to tanning materials.

Sumac continued its upward trend, the export restrictions placed on the leaf material by the Italian government brought about a tight situation, with all shipments subject to license. Slight declines were registered in mangrove bark, J1 myrobalans and African wattle barks. Prices for chestnut bark, hemlock bark and oakbark extracts were extended into the second quarter. Prices for cutch extract will remain on the same basis for next three months.

Bichromate prices remain firm. Inquiry for export was less active, and prices in the resale market were much lower than previously. More material was coming from regular producing channels for shipment abroad. No further weakness was disclosed in egg products. Corn derivatives were steady.

Price Changes

Advanced

Sumac, ground, $10 per ton
leaf, $10 per ton

Reduced

Mangrove bark, 50c. per ton
Myrobalans J1, $2 per ton
Wattle bark, 25c. per ton

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
142.5	142.2	145.0	139.3

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Business spotty. Prices without alteration.

Alumina Chloride.—Prices unchanged and firm. Withdrawals routine.

Ammonia Acetate.—Firm price tone. Commitments light.

Ammonia Bichromate.—Market position strong, small lots made up the call.

Antimony Salts.—Market nominal. Buying sluggish.

Chrome Acetate.—Demand modest. No change in prices.

Potash Bichromate.—Prices firm and unchanged. Demand steady. Less export inquiry.

Potash Prussiate.—Business limited to regular channels. Prices well maintained.

Soda Bichromate. — Transactions moderately active. Prices remain firm.

Soda Prussiate.—Dealings routine. Prices lacked any change.

Sulphonated Oils.—Demand failed to broaden. Prices about steady.

Zinc Dust.—Quotations hold firm. Withdrawals moderate.

Dyestuffs

Annatto.—Small lots made up the call. Prices ruled unchanged. January imports 35,367 pounds, valued at $1,222.

Archil. — Market position strong, prices nominal. Fair interest.

Cochineal.—Supplies limited, prices firm. Trading confined to regular channels.

Fustic. — Withdrawals moderate. Prices without alteration.

Hypernic. — Quotations unchanged, with takings fair.

Indigo.—Not much developed in this direction. Prices the same.

Logwood.—Interest routine. Prices firm. January imports of extract 3,367 pounds.

Madder Dutch.—Market quiet. No change in prices.

Turmeric. — Quotations nominal. Trading spotty.

Sizing Materials

Albumen, Blood. — Buying steady. Prices remain firm.

Albumen, Egg.—No further change in prices, tone about steady. Dealings light.

Corn Sugar.—Bookings fair. Quotations well sustained.

Dextrin, Corn.—Little expansion in business. Prices steady to firm.

Dextrin Potato.—Trading lacked any feature. Prices rule unchanged.

Egg Yolk.—Market dull. Domestic and imported prices unchanged.

Sago Flour.—Prices steady. Demand irregular.

Starch, Corn. — Consumers made necessary replacements. Prices well sustained.

Starch, Potato.—Quotations remain at levels established previously. Shipments moderate.

Starch, Wheat.—Trading confined to nearby needs. Prices without change.

Starch, Sweetpotato.—New buying lacked broadening. Prices rule firm.

Tapioca Flour.—Replacement business only fair. Prices continue the same.

Tanning Materials

Chestnut Bark.—Prices remain firm for second quarter. Shipments moderate.

Cutch.—Quotation for second quarter on same basis as previously. Buying fair. January imports 25,200 pounds, valued at $990.

Gambier.—Not much activity. Prices nominal.

Hemlock Bark.—Current prices extended into second quarter. Satisfactory interest.

Hematine.—Buying failed to broaden. Prices unaltered.

Mangrove Bark.—Slightly easier at $32 per ton. Demand lagging.

Myrobalans.—J1 $2 lower at $29 per ton; J2's unchanged. Buying light.

Oakbark.—Prices remain firm for next quarter. Withdrawals steady.

Quebracho.—Quotations remain the same. Trading only moderate.

Quercitron.—Not much feature to the market. No change in prices.

Sumac.—Price advanced $10, making leaf and ground $125 per ton. Italian export restrictions accountable for increase.

Valonia. — Trading narrow. No change in the cups and beards.

Wattle Bark.—Market slightly lower, East African $36.75 and South African $38 per ton. Business quiet.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Textile Chemists to Discuss Fabrics Finishing and Dyeing

The dyeing and finishing of pile fabrics will be described by Barrett Fisher, chief chemist of the Sidney Blumenthal Company, Shelton, Conn., before the meeting of the New York section of the American Association of Textile Chemists and Colorists, to be held March 29, in the Chemists' Club, this city. Also on the program will be Paul J. Choquette, chief chemist of the Cranston Print Works Company, Webster, Mass., who will speak on "Control in the Processing of Spun Rayon Piece Goods." Both addresses will follow the usual informal dinner of the section, to be served at 6:30 p.m. at $1.75 per plate.

Textile Foundation Plans One-Year Training Course

The directors of the Textile Foundation have authorized a special survey and brief report of the possibilities of providing for graduates of engineering schools and colleges who have not been previously associated with the textile industry, a year of training for the textile industry. It is proposed that the report will summarize the facts with regard to the needs of such a textile industry preparatory training. The original report, "Training of Men for the Textile Industry," indicated the possibility of developing a textile industrial preparatory course, which might be given in one or more textile schools to those men who have graduated at colleges or universities where textile instruction was not available.

Sanitary scientific committee of the National Association of Insecticide and Disinfectant Manufacturers Association has prepared test samples and instructions for determining nonvolatile solids in self-polishing waxes, as well as cold-water solubility. Laboratories interested in cooperative work in this connection will be furnished with samples and information, at request.

Minerals Imports Ban Bill Reported by House Group

OPD Washington Bureau
March 18, 1940

The house committee on mines and mining has favorably reported the bill (H.R. 8285) introduced by Representative J. Hardin Peterson, Florida, to prevent the importation of minerals made by processes infringing American patents.

As reworded by the committee, the bill provides that it shall be deemed an unfair trade practice and a violation of the right of the patentee to import for use, sale, or exchange any minerals mined, produced, or processed by use of any mining process covered by the claims of any outstanding United States letters patent heretofore or hereafter issued, except where such minerals are produced, processed, or mined under authority of the owner of such process.

Mingst Joins Pfaltz & Bauer

Fred Mingst has joined the sales department of Pfaltz & Bauer, Inc., this city. Mr. Mingst will be concerned mainly with work on wool-development products. Pfaltz & Bauer, long a seller of lanolin products, also distributes a wide line of chemicals and laboratory equipment.

POTATO STARCH
•
JUNGMANN & CO.
Incorporated
157 Chambers St., New York
Telephone BArclay 7-5128, 5130

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural BICHROMATES

SODIUM ACETATE
Technical 60% Sodium Acetate
"Sodacet"* Special 90% Sodium Acetate
Anhydrous Sodium Acetate, 98% Min.
Three white, free-flowing powders, readily soluble, practically iron free for textile, tanning, dye house use. Samples and further information on request.
NIACET CHEMICALS CORPORATION 4703 PINE AVE., NIAGARA FALLS, NEW YORK

MUTUAL BICHROMATES
MUTUAL CHEMICAL CO. OF AMERICA — NEW YORK, N.Y.
BICHROMATE OF SODA
BICHROMATE OF POTASH
OXALIC ACID
CHROMIC ACID
MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE. NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Barrett
CHEMICALS

PHENOLS

From high quality U.S.P. 40°C. melting point to the 82-84% grade, The Barrett Company offers a complete line of phenols. Long experience in the production of refined acids under rigidly standardized methods has led to recognition of The Barrett Company as a most reliable supplier of all grades of phenol. We will gladly cooperate with you in furnishing any particular grade required. Phone, wire or write for complete information.

Phenol U.S.P. (Natural and synthetic)

A white crystalline product used in the manufacture of dyestuffs, chemicals, medicinal products and for Phenol-Formaldehyde Resins when extremely light color is necessary.

Technical 39°M.P.

Light colored, approximating U.S.P. quality with Phenol content approximately 97%. Recommended where it is not necessary to adhere strictly to U.S.P. specifications. Used principally in the manufacture of Phenol-Formaldehyde Resins.

Technical 90-92%

Light colored when shipped but with tendency to discolor more rapidly than U.S.P. or 39°M.P. grades. Melting point is above 36°C. Used principally in manufacture of Phenol-Formaldehyde Resins and in mixtures with Cresol for the refining of lubricating oils.

Technical 82-84%

Used principally in the manufacture of Phenol-Formaldehyde Resins. The Ortho Cresol content can be controlled to some extent to give material of low, medium or high Ortho Cresol content to meet the requirements of the finished resin desired.

SEND FOR THIS BOOKLET

This new 36-page, pocket-sized booklet lists the many important Barrett Chemicals and provides a finger-tip reference which gives concise descriptions and uses of each product. We will gladly send you a copy on request. No obligation.

THE BARRETT COMPANY
40 Rector Street **New York, N. Y.**
One of America's great basic businesses

Coaltar Chemicals

Business Lacks Improvement—Steel Operations Decline—Toluol Export Inquiry Less Active—Cresylic Quiet—Coaltar Intermediates and Colors Demand Slackens

Trading lacked any broadening in the market for various coaltar chemicals last week. Consumers displayed caution in making replacements, with inventories accumulated previously worked off in many instances. Steel operations scored another decline, but remained well ahead of a year ago. Export inquiries were only fair, and most of the interest centered in coaltar colors. The market lacked any specific price feature, and the tone was steady to firm.

Less interest developed in toluol for export, although sellers concentrated on taking care of domestic demand. Benzol lacked much change. Xylol was taken steadily. Seasonal upturn was awaited in creosote oil. Cresylic acid was quiet. Cresols remained spotty. Refined naphthalene moved moderately, while the crude was dull. Phenol business was only fair. Pyridin moved to regular consuming channels steadily.

Demand for intermediates continued to slacken, but the position of most materials was firm. Anilin, dimethylanilin, dinitrotoluene and phthalic anhydride were taken steadily. Coaltar acid shipments were routine, with prices well maintained. Buying of colors lacked improvement, with curtailment in some consuming channels evident.

Price Changes

Advanced
None

Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	125.6

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Business underwent little change, shipments against contract fairly steady. Export inquiry fair. Pricewise a steady to firm tone prevailed. January imports 116,176 gallons, all of which came from Canada.

Carbazol.—Trading was along narrow lines. Prices were unchanged and firm.

Coaltar.—Transactions continued routine. Crude and refined prices unaltered.

Creosote Oil.—Large consumers display caution in making sizable commitments. Seasonal upturn awaited. Prices remain the same. January imports 4,788,109 gallons, valued at $485,451, of which 3,886,511 gallons came from the United Kingdom and 873,000 gallons from Japan.

Cresols.—Buying was spotty. Quotations for various grades were unchanged. January imports 17,204 pounds, valued at $2,554, all of which came from the United Kingdom.

Cresylic Acid.—Business lacked any broadening, replacement orders held close to nearby needs. Prices were unaltered. January imports 118,620 gallons, valued at $53,215, of which 105,813 gallons came from the United Kingdom.

Naphthalene.—Moderate movement of refined, little interest in crude. Prices firm. Imported quiet. January imports 1,396,677 pounds, valued at $32,417, of which 1,065,117 pounds came from Russia and 331,560 pounds from Belgium.

Oil, Shingle Stain.—Shipments routine. Prices unchanged and firm.

Phenol.—Business was only fair, replacements business lacked improvement. Export inquiry light. Prices remain firm.

Pitch, Coaltar.—Not much feature to the dealings. Prices lacked change.

Pyridin.—Steady movement against contracts to regular consuming channels. Quotations ruled firm.

Tar Acid Oils.—There was little evidence of renewed interest. Pricewise a steady to firm tone prevailed.

Toluol.—Market position strong. Shipments steady. Export inquiry not so active.

Xylol.—Prices were firm and unchanged. Movement to lacquer trade remains satisfactory.

Chicago Coaltar Bases

Buying of coaltar bases is reported fairly good at this time. Inquiry has been of fair proportions. Buyers are anxious to keep to the conservative side of the market, and hence most orders are small with requests for prompt shipment of material. Benzol is in good call. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 11½c.; toluol, 25c.; 10-degree xylol, 30c.; solvent naphtha, 27c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Demand narrow. Prices well maintained.

Benzoic.—Routine dealings. Quotations the same.

Broenner's.—Business dull. No change in prices.

Cleve's.—Prices firm, with business fair.

Fumaric.—Better inquiry. No new price developments.

Gamma.—Market lacked feature. Prices ruled unchanged.

H.—Position strong, and trading routine.

Laurent's.—Buying failed to broaden. Firm price tone.

Malic.—Replacement business moderate. Quotations rule firm.

Maleic.—Spot and contract business satisfactory. No change in prices.

Picramic.—Market strong. Trading confined to regular channels.

Picric.—Moderate activity. Pricewise firm tone predominated.

Salicylic.—Interest somewhat spotty. Prices lacked any change.

Succinic.—No new developments took place. Prices well sustained.

Sulphanilic.—Shipments continued moderate. Price tone firm.

Tobias.—A steady to firm price tone prevailed, with business fair.

Coaltar Intermediates

Alphanaphthol.—Dealings narrow. Prices remain the same.

Alphanaphthylamine.—Buying routine. No change disclosed in prices.

Anilin.—Movement against contracts moderately active. Prices firm.

Anthraquinone.—Demand lacked expansion. Quotations firm.

Benzaldehyde.—Consumers made modest replacements. Pricewise firm tone prevailed.

Benzidin Base.—Prices remain firm. Activity fair.

Betanaphthol.—Developments of importance were absent. Prices ruled unchanged.

Betanaphthylamine.—Trading dull. No change occurred in the prices.

Diethylanilin.—Interest fairly steady from regular channels.

Dimethylanilin.—Shipments moved against contracts moderately. Prices well maintained.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Dinitrobenzene.—Buying held close to requirements. Nothing new in the prices.

Dinitrochlorobenzene. — Price tone film. Demand moderate.

Dinitronaphthalene.—Usual consumers provided steady call.

Dinitrophenol.—Little new buying disclosed. Prices ruled unchanged.

Dinitrotoluene. — Market position strong. Transactions steady.

Diphenyl.—Routine interest. Prices were without alteration.

G. Salt.—Small quantities made up the call. Prices unchanged.

Metanitroparatoluidin. — Market lacked any new price developments. Business fair.

Metatoluyenediamine.—Buying was held to nearby needs. Quotations firm.

Nitrobenzene.—Demand moderately active. Pricewise a firm tone predominated.

Nitronaphthalene.—Shipments confined to regular consumers.

Orthochloroanilin.—Price tone firm. Inquiries satisfactory.

Orthochlorophenol.—Market lacked any change.

Orthodichlorobenzene.—Satisfactory buying interest. Prices were firm.

Orthonitroanilin.—Position of market strong. Buying steady.

Orthonitrotoluene.—Pricewise firm tone prevailed. Shipments moderate.

Orthotoluidin.—No change occurred in the prices. Transactions steady.

Parachlorophenol.—Demand failed to broaden. Prices were firm.

Paranitroanilin. — Quotations well sustained. Business moderate.

Paranitrochlorobenzene. — Demand routine. Prices without change.

Paranitrophenol. — Trading quiet. No change disclosed in the prices.

Paranitrotoluene.—Market retained firm position. Shipments steady.

Paratoluidin.—Business lacked much change. Prices were firm.

Phthalic Anhydride.—Buying about steady, with replacements satisfactory. No change occurred in the prices.

R. Salt.—Dealings routine. Quotations firm.

Schaeffer's Salt.—Usual consumers provided fair interest.

Soda Metaniliate.—Little feature to trading. Prices well maintained.

Soda Picramate.—Firm price tone. Business steady.

Thiocarbanilide.—Activity moderate. Quotations lacked any change.

Toluidin.—Quotations firm and unchanged. Trading fair.

Xylidin Mixed.—Business routine, and prices in conformity with those prevailing previously.

—Continued on page 30

White Tar Plant Damaged By $250,000 Blaze

Kearny, N. J., Mar. 19, 1940

A spectacular fire consumed 5,000 barrels of naphthalene and caused $250,000 damage today at the plant of the White Tar Products Company on the outskirts of this city.

The fire started in the disinfectant department of the plant in stills which derive from tar the chemicals used in the manufacture of disinfectants. The stills exploded, blowing the metal roof off the tile and brick building in which they were housed, and the structure quickly caught fire. The flames spread rapidly to an adjoining warehouse where the barrels of naphthalene were stored and they too burst into flames.

Firemen played continuous streams of water on four large kerosene storage tanks near the building, but despite this precaution one of the tanks, containing 2,000 gallons of the inflammable fluid, exploded. L. H. Schleuter, plant manager for the company, a subsidiary of the Koppers Company, said work at the plant would be suspended until new refining machines could be obtained.

DuPont Offers New Colors

Two new vat colors have been announced by the dyestuffs division of E. I. du Pont de Nemours & Co. of Wilmington. A new anthraquinone type of vat color, "Leucosol" red B paste, produces bluish shades of red on cotton and viscose process rayon. A new vat color, "Ponsol" brilliant violet 3B paste, produces bright bluish shades of violet on cotton and viscose process rayon.

Queeny Says Laws Bar Economic Restoration

—Continued from page 5

dustry necessary to provide the $7,000 investment per employee required to create jobs under the present economic system:—

1. Federal government registration of security issues and security exchanges set up such stringent conditions of obtaining capital by the public sale of stock or bonds as to discourage seeking it.

2. Provisions of the securities and exchange act requiring that salaries and the purchase and sale of a corporation's securities by its officers and directors be made public, coupled with lack of incentive on account of excessive taxes, caused owners of sound small businesses to refuse to seek public capital for expansion.

3. Increased taxes levied on industry by national, State, and local taxing authorities during the period of depression have cut down public returns on new investment.

4. Excessive personal taxation has tended to direct investment away from industry into tax-exempt fields, especially government securities.

Statistical data were presented by Mr. Queeny in making the point that manufacturing industry, in spite of increased use of labor-saving machinery, was now employing but 0.34 percent less workers than it had in 1929. He outlined the process by which manufacturing makes jobs and stressed the need for a continuous and adequate inflow of capital to provide the investment required to find jobs for the constantly increasing number of employables and to replace equipment. Arguing for a revision of governmental philosophy which would give due consideration to this fact, he said:—

We cannot hope for continued progress for employment of the unemployed, without freeing and increasing the flow of profits and savings into industry. The capital wealth engaged in the manufacturing industry, like the capital wealth engaged otherwise in producing goods and services, is constantly being consumed—worn out, destroyed, rendered obsolete by invention of improvements in machinery or processes, or scrapped because the occasion for the use of it has passed. This consumption has gone on for ten years with only partial replacement. The consumer portion of this aggregate of things having a useful life and necessary to industry must be restored—not with the same things, of course, but with better equipment for more efficient production. Besides, there must be more equipment to meet the needs and expanded desires of a population that has grown in the meantime. Then we shall have recovery. From there we can go on to higher levels.

F.D.A. Transferal Again Rumored

—Continued from page 3

products. There is no official confirmation of the report that this transfer is in contemplation, although it has been suggested by important officials on many occasions in the past when government reorganization was under discussion. Since the President's reorganization orders must lie before Congress for sixty days before taking effect, it is probable that some such orders will be announced in the near future because of the probability that Congress will be ready to adjourn early in June.

Another report current in the capital is that a new agency may be created to handle matters particularly affecting consumers, or that several consumer agencies now scattered among various departments may be consolidated.

Cattle dips for tick eradication would be provided free of charge by the Mississippi Livestock Sanitary Board, and vats where cattlemen could apply the dips would be constructed by the board under the terms of a bill (H. 531) pending in the State legislature.

TAR ACIDS
Phenol • Cresol
Cresylic Acid

TAR ACID OILS

KOPPERS CHEMICALS AND SOLVENTS
Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS
Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Sulphur Recovery Apparatus . . . Phenol Removal Apparatus . . . By-Product Recovery Apparatus Fast's Self-aligning Couplings . . . Piston Rings . . . Valves . . . Pressure-treated Lumber

PHENOL—All Standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL—U.S.P. with very close cut distillation range and light color, for pharmaceutical purposes—Mesta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor.

CRESYLIC ACID—Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS—Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content appropriate for low to high coefficiencies with tar acid contents as required.

KOPPERS COMPANY • PITTSBURGH, PA.

SYNTHETIC RESINS
ANTISEPTICS
DRUGS
DISINFECTANTS
PLASTICIZERS
DYES
SOLVENTS
EXPLOSIVES
PERFUMES
PHOTOGRAPHIC DEVELOPERS
SOAP
RUBBER RECLAIMING AGENTS
LACQUER
ANTI-OXIDANTS
OIL PURIFICATION
ANIMAL DIPS
INEXPENSIVE DISINFECTANTS
FLOTATION PROCESSES
INSECTICIDES

KOPPERS

CRESYLIC ACID 97-99% Pale

AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVE. Telephones: AShland 4-2265 and 4-2266 NEW YORK

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

SOCONY-VACUUM

NAPHTHENIC ACIDS

● CRUDE, SEMI-REFINED AND FULLY REFINED GRADES AVAILABLE IN VARIOUS ACID NUMBER RANGES

SOCONY-VACUUM OIL COMPANY, INC.
26 Broadway, New York

GENERAL PETROLEUM CORPORATION
108 W. 2nd St., Los Angeles, Calif.

Coaltar Chemicals

—*Continued from page 29*

Coaltar Colors

Transactions in the market for coaltar colors lacked improvement last week. Principal consuming industries ordered close to current requirements, and there was a tendency on the part of some to restrict commitments, this was more pronounced in some divisions of the textile industry, where backlogs have been scaled down and production adjusted accordingly. A fair export inquiry remained in evidence, and the market gave no demonstration of weakness as far as prices were concerned.

Imports of coaltars dyes into India declined sharply in the fiscal year 1938-39 to 12,050,436 pounds, compared with 20,888,345 pounds during the preceding fiscal year. Of the total Germany supplied 7,917,546 pounds, against 14,940,997 pounds in the previous year. The United States shipped only 745,537 pounds as against 761,810 pounds in the 1937-38 fiscal year.

What all Good Painters

KNOW

PAINT NOW-and SAVE
If it's worth Painting it's worth using Gum Turpentine in the Paint
Turpentine
OIL
HIGH QUALITY PIGMENT

FORMULATE WITH

PURE GUM TURPENTINE

AMERICAN TURPENTINE FARMERS ASSOCIATION COOPERATIVE, VALDOSTA, GEORGIA

Obituaries

Thomas J. Lynch

Thomas J. Lynch, who retired in 1936 after having been for twenty-nine years general manager of the Lederle Laboratories, manufacturer of commercial biological products, this city, died of a heart ailment in his home here. He was sixty-eight years of age.

Mr. Lynch had been affiliated with the Alexander Laboratories, Marietta, Pa., before joining the Lederle organization. During the World War he was active in the development of antitoxins for use by the United States government. Since 1930 the laboratories have been a subsidiary of the American Cyanamid Company. He is survived by his wife.

Henry J. Steuber

Henry J. Steuber, chemical engineer for the American Dyewood Company, this city, died March 12 in a hospital in Newark, N. J. He was sixty-three years of age. Born in LeRoy, N. Y., Mr. Steuber graduated from Cornell University in 1897. He first became employed as a dyestuff chemist with the Heller & Merz Company, Newark, and for the past fifteen years has been associated with the American Dyewood Company. He was a member of the American Chemical Society and the American Institute of Chemical Engineers. Surviving are his wife and a son.

James A. Black, long affiliated with the laboratories of Hynson, Westcott & Dunning, Inc., manufacturer of pharmaceutical specialties, Baltimore, died unexpectedly March 20. He was fifty-three years old and is survived by his wife.

William Bodebender, retired, for thirty years a representative of Fritzsche Brothers, essential oils and aromatics, this city, died unexpectedly on March 20, in his home in New Orleans, La.

John W. Coleman, president of the Portland Monson Clay Company, Portland, Me., died March 19 at his Falmouth Foreside, Me., home.

Joseph J. Geer, who retired in 1938 as manager of the black powder operations for the Hercules Powder Company, died March 17 in his home in Swarthmore, Pa. He was sixty-seven years of age.

J. E. Gledhill, wallpaper manufacturer, this city, died March 20. He was eighty years old.

George J. Lockley, former assistant secretary of the original Standard Oil Company, died in Detroit March 17. He was eighty-two years of age.

Samuel Mundheim, chairman of the board of the American Safety Razor Corporation, this city, died March 16. He was sixty-eight years of age.

George Parfet, secretary-treasurer of George W. Parfet, Inc., one of the largest clay mining companies in the United States, died March 21 from injuries received when he straddled a box of dynamite and deliberately set it off. His age was forty-nine.

Charles W. Potter, formerly a member of the sales force of Thurston & Braidich, Inc., this city, died March 10 in Cleveland, Ohio, at the home of his son. Funeral services were held March 14 in Englewood, N. J. Mr. Potter for many years was a member of the OPD editorial staff.

Simon H. Reynolds, founder and owner of the Pontiac Glass Company, Pontiac, Mich., died in that city March 18. He was eighty-one years of age.

Charles T. Ridgely, inventor of more than a hundred tools, appliances and equipment used by painters and decorators and founder of the Ridgely Trimmer Company, Springfield, Ohio, died in his home in Springfield March 8. He was eighty-four years of age. He had been in retirement several years.

Edwin M. Rouse, a former salesman for the Frank E. Harris Company, flavoring extracts and bluing, Binghamton, N. Y., died in Augusta, Me., March 20. He was fifty-nine years old.

Paint, Varnish, Lacquer Materials

Trade in Raw Paint Materials Continues to Improve—Pig Lead Reduced, but Oxides Unchanged — Palmitate and Stearate Prices to Continue

Activity in the raw paint materials market continued to show improvement last week, despite the fact that all price revisions were reductions. Pig lead was reduced, but the lower quotations did not affect the prices of the oxides. Casein showed further weakness. Fifty-nine grades of copal and dammar gums were lowered at New York but the reductions were due to a lowering of the rate of exchange rather than weakness in primary markets, where prices were firm. Pigments and dry colors continued to show improved business, with carbon black an especially active item. Fillers and extender products were attracting more interest. Shellac was lowered.

A prominent producer of stearates and palmitates reported that contract prices for second quarter delivery would be unchanged from those now in force. A reduction in the price of aluminum was rumored and producers of aluminum powder and paste were watching the market carefully in order to revise the prices of their products if necessary. Rosin and turpentine were quieter, but receipts and offerings continued light. The prevailing tone in Southern and local markets was firm.

Price Changes

Advanced

Rosin, gum, dark, 5c. per 280 lbs.
Turpentine, gum, ¼c. per gal.

Reduced

Casein, dom., ½c. per lb.
imp., Argentine, ½c. per lb.
Gum, copal, c.l., 5/8c. to 2⅝c. per lb., ex warehouse N. Y.
dammar, c.l., ½c. to 1⅜c. per lb., ex warehouse N. Y.
Lead, pig, 10 points per lb.
Shellac, superfine, ½c. per lb.
T.N., ½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	126.2	126.2	131.7

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The price of pig lead was reduced last Wednesday by 10 points to a price of 5.15c. to 5.20c. per pound at New York and 5c. at East St. Louis. This was the first change since February 28, when the price was increased from 5c. per pound to 5.25c. at New York. Dullness of the market and an increase in the surplus of stocks were believed responsible for the reduction. Domestic stocks at the end of February were 72,658 tons, an increase of 4,119 over the 68,539 on January 31, according to the American Bureau of Metal Statistics. Shipments last month aggregated 39,176 tons, against 39,875 in January, while production was 43,317, against 49,683. Slab zinc was featureless last week, with sales routine and the price unchanged.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from March 16 to March 22, inclusive, were as follows:—

	Pigs: Per pound New York.	Pigs: Per pound E. St. Louis.	Spot. London. Per ton £ s. d.
Saturday	$0.0525@.0530	$0.0510	.. .. ..
Monday	.0525@.0530	.0510	.. .. ..
Tuesday	.0525@.0530	.0510	.. .. ..
Wedn'sd'y	.0515@.0520	.0500	.. .. ..
Thursday	.0515@.0520	.0500	.. .. ..
†Friday	.....	....	.. .. ..

* London exchange closed. † Holiday.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from March 16 to March 22, inclusive, were as follows:—

	Slabs: Per pound New York.	Slabs: Per pound E. St. Louis.	Spot. London. Per ton £ s. d.
Saturday	$0.0515	$0.0575	.. .. ..
Monday	.0515	.0575	.. .. ..
Tuesday	.0515	.0575	.. .. ..
Wednesday	.0515	.0575	.. .. ..
Thursday	.0515	.0575	.. .. ..
†Friday	....	....	.. .. ..

* London exchange closed. † Holiday.

Pigments

Antimony White.—Supplies slightly more available. Price still nominal.

Litharge.—No changes in quoted price. Shipments larger.

Lithopone.—Better sales volume reported. Price firm.

Metronite. — Demand normal, with price firm and unchanged.

Orange Mineral.—Interest of consumers at better level. No change in quoted price.

Red Lead.—Despite reduction in the metal, no price change was recorded for this pigment. Deliveries last week were in larger volume.

Titanium Pigments. — Last week's demand continued to hold to good levels and prices for all grades were very firm.

White Lead.—More interest was being shown by consumers and there was a noticeable pick-up in the demand for future deliveries. Prices were well maintained.

Zinc Oxides.—This pigment continued one of the pace-makers. Automobile finishers were still buying satisfactory amounts at unchanged prices.

Fillers and Extenders

Barytes.—Price firm. Slight pick-up in deliveries.

China Clay.—Contracting for second quarter delivery was in progress, with bookings made at unchanged prices. Spot sales light.

Graphite.—Sales volume normal last week, with contract deliveries routine. Price firm.

Gypsum.—Trade slightly improved. Price firm.

Mica.—Deliveries continued at a good level, with listed quotation firm.

Pumice.—Importers and grinders of foreign material reported a tight market. Quotations very firm.

Rottenstone.—Market a bit more active. Quotations steady and unchanged.

Talc.—French materials nominal, with scarce supplies in this country. Other grades firm.

Tripoli.—No change since last reviewed. Demand normal and sales price steady.

Whiting.—Routine and firm.

Woodflour.—Foreign material nominal. Demand good.

Naval Stores

Quiet conditions prevailed in Southern and local markets for naval stores last week, as usual at this season. The movement of rosin and turpentine on unfilled contracts was apparently on a fair scale, but new business showed a slowing down, developments in the markets for other commodities, as well as in political affairs abroad and at home, making consumers disposed in

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Are You Having Any Fun...or is the oil situation taking the joy out of life?

We are not guessing when we say Paranol 1750 makes excellent varnishes with drying oils other than Chinawood.

A sample and full information await your request.

Our Technical Staff is at your service.

PARAMET SYNTHETIC RESINS

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
44TH AVENUE AND 10TH STREET • LONG ISLAND CITY, N. Y.

Industrial and Pharmaceutical Chemicals

Acetone
Allyl Alcohol
Allyl Chloride
Butyl Alcohol (Secondary)
Butyl Alcohol (Tertiary)
Diacetone
Iso Propyl Alcohol
Iso Propyl Ether
Methallyl Alcohol
Methallyl Chloride
Methyl Ethyl Ketone

Selling Agents for Shell Chemical Co.

R.W. GREEFF & CO.
10 East 40th Street New York, N. Y.

STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• KANSAS CITY
• DES MOINES
• LOS ANGELES
• SAN FRANCISCO
• NEW ORLEANS
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

RED YELLOW IRON OXIDES BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

ASBESTINE
Reg. U. S. Pat. Off.
FOR PAINT MANUFACTURERS
INTERNATIONAL PULP CO., 41 Park Row, New York

MANUFACTURERS REPORT
SAVINGS OF 30c PER POUND BY USING
FLUSHED PERMANENT PIGMENT BLUE
UNEXCELLED FOR CLEAN TINTS
65-F-301 Oil 65-F-302 Varnish
65-F-304 Alkyd
Paint Manufacturers write for Samples
The Hilton-Davis Chemical Co.
P. O. BOX 8, PLEASANT RIDGE STATION, CINCINNATI, O.

We Specialize in the Production of Specification Color Pigments
PURE RED OXIDES
INDIAN REDS
CHROME OXIDE GREENS
CHROME TETRAHYDROXIDE GREENS
METALLIC BROWNS
MINERAL REDS
RED OXIDES (Spanish Types)
YELLOW OXIDES
MINERAL BLACKS
CEMENT COLORS
GEO. B. SMITH COLORS
Manufacturers
EVANSTON - - - - ILLINOIS
Large Stocks Prompt Deliveries

not a few cases to hold off for a time. The export inquiry was also light.

The ruling tone in primary centers, however, was considered firm. Price changes were narrow. Dark grades of rosin displayed an upward tendency at times owing to the smallness of supplies. The movement from the interior continued light. Weather conditions in many parts of the South were still unfavorable for new crop operations. There were frequent rains, and temperatures in some sections were still unseasonably low.

CCC Loan Holdings

The following table shows the stocks of rosin and turpentine held March 15 by the CCC under loans on the 1938 and 1939 crops:—

	Rosin		*Turpentine,
	1938.	1939.	1939.
Savannah, bbls..	99,508	50,235	.....
drums	3	3,384	.....
Jack'ville, bbls..	173,419	114,301	1,232,139
drums	.....	12,585	.....
Brunswick, bbls.	92,181	85,524	248,206
drums	225	2,374	.....
Mobile, bbls.....	13,577	7,067	.....
drums	698	5,350	.....
Pensacola, bbls..	25,436	17,694	.....
drums	72	3,117	.....
Valdosta, bbls...	121,235	132,706	1,393,355
drums	22	30,173	.....
Wiggins, bbls...	.....	282	.....
drums	.....	6,019	.....
Estill, bbls.....	.....	696	.....
drums	.....	6,448	.....
Helena, bbls.....	.....	53,509	1,019,677
drums	.....	50,458	.....

* Gallons.

Turpentine.—Small-lot purchasing was the rule in the local market last week, the movement of such quantities being light. The tone was generally firm in company with primary centers where offerings continued small.

SAVANNAH, March 22.—The turpentine market had a firm tone. Following is a record of the market for the week:—

	Cents (gal.)	Barrels Sales.	Re-ceipts.	Ship-ments.	On hand
*Saturday ..	..	...	...	...	.....
Monday	32½	52	21	...	13,044
Tuesday	32½	57	56	644	12,456
Wednesday...	32½	30	27	330	12,153
Thursday ...	32½	...	77	...	12,230
*Friday	..	...	...	...	.....

* No trading.

JACKSONVILLE, March 22.—Turpentine receipts were light. Following is a record of the market for the week:—

	Cents (gal.)	Barrels Sales.	Re-ceipts.	Ship-ments.	On hand
*Saturday ..	..	...	...	...	.....
Monday	29	...	39	47	37,331
Tuesday	31	...	14	200	37,145
Wednesday...	31	...	5	203	36,949
Thursday ...	31	...	4	...	36,951
*Friday	..	...	...	...	.....

* No trading.

PENSACOLA, March 16.—Turpentine receipts were small. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	7	135	11,906
Tuesday	5	...	11,911
Wednesday	1	...	11,912
Thursday	6	2	11,916
Friday	...	544	11,372
Saturday	...	...	11,372

Chicago—March 22

Turpentine is in fair demand. Five-drum lots, 42c. per pound; five wood barrels, 47c.; single drums, 45c.; single barrels, 50c.

LONDON, March 22.—Turpentine 54s. 9d. per 112 pounds. Stocks of American as follows:—

	March 22.	Previous week.	Last year.
Barrels	16,399	16,849	24,068

Rosin.—The local market had a firm tone but aside from this the situation lacked features of interest. Business was quiet, consumers being disposed on the eve of the Easter holidays to limit their takings to small lots.

PENSACOLA, March 16.—Rosin quiet. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts.	15	32	15	23	...	...
Shipm'ts	175	...	...	1,000	130	...
Stocks..	54,550	54,582	54,597	53,620	53,490	53,490

SAVANNAH, March 22.—Rosin tone

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT
½ in., ¾ in.
1¼ in., 1½ in.
LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

BE SURE YOU GET
"Flowed-In"
...GASKETS
IN THE PAILS YOU BUY
DEWEY & ALMY CHEMICAL CO.
CAMBRIDGE MASS.

SLCo
Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
Pyrotone Red Toners
Barium Products
STANDARD ULTRAMARINE CO.
HUNTINGTON WEST VIRGINIA

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents
In Principal Cities
Distillers of Coal Tar Products

mineral pigments
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
are
STRONG - INERT - PERMANENT
C K WILLIAMS & COMPANY
EASTON·PENNSYLVANIA

firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	*Fri.
B	...	$4.82½	$4.85	$4.85	$4.85	...
D	...	4.82½	4.85	4.85	4.85	...
E	...	5.15	5.15	5.15	5.15	...
F	...	5.45	5.45	5.45	5.45	...
G	...	5.50	5.50	5.50	5.50	...
H	...	5.55	5.55	5.55	5.55	...
I	...	5.57½	5.57½	5.57½	5.57½	...
K	...	5.60	5.60	5.60	5.60	...
M	...	5.62½	5.62½	5.62½	5.62½	...
N	...	5.65	5.65	5.65	5.65	...
WG	...	5.72½	5.72½	5.72½	5.72½	...
WW	...	6.20	6.20	6.20	6.20	...
X	...	6.20	6.20	6.20	6.20	...
	Barrels					
Sales	...	23	66	10	...	...
Receipts	...	176	320	123	167	...
Shipments	...	480	1,207	...	...	...
Stocks	...	...	...	...	176,079	...

* No trading.

JACKSONVILLE, March 22.—Rosin receipts continued small. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	*Fri.
B	...	$4.50	$4.50	$4.50	$4.50	...
D	...	4.75	4.75	4.75	4.75	...
E	...	5.15	5.15	5.15	5.15	...
F	...	5.15	5.15	5.15	5.15	...
G	...	5.15	5.15	5.15	5.15	...
H	...	5.15	5.15	5.15	5.15	...
I	...	5.15	5.15	5.15	5.15	...
K	...	5.50	5.50	5.50	5.50	...
M	...	5.55	5.55	5.55	5.55	...
N	...	5.55	5.55	5.55	5.55	...
WG	...	5.65	5.65	5.65	5.65	...
WW	...	6.20	6.20	6.20	6.20	...
X	...	6.20	6.20	6.20	6.20	...
	Barrels					
Sales	...	...	...	...	...	...
Receipts	...	99	43	24	...	...
Shipments	...	...	485	200	...	...
Stocks	...	...	...	...	321,295	...

* No trading.

Chicago—March 22

Rosin trade along routine lines. B grade, $7.85 per lot of 280 pounds; G grade, $8.50; M grade, $8.60; W.W. grade, $9.25.

CHROME OXIDE
CHROME
TETRA HYDROXIDE
CHROME GREENS
•
VITRO MFG. CO.
Pittsburgh, Pa.

LONDON, March 22.—Rosin, W.W., 35s. per cwt.

Pine Oil.—Fair movement to local and other consumers. Prices steady.

Pitch.—Purchasing here limited to small lots for prompt shipment. Tone firm.

Rosin Oil.—Basic material firm in primary centers and local prices maintained. Fair demand.

Tar.—Steady movement on contracts. New business fair. Tone firm.

Dry Colors

Bone Black.—Market was firm, with second quarter contract price unchanged from previous quotation.

Carbon Black.—Last week's sales held to high levels. Akron tire manufacturers were heavy buyers. Price was steady and unchanged.

Chrome Green.—Better call for supplies of the C.P. material. Price steady and unchanged.

Chrome Yellow.—Spot market a bit firmer. Shipments heavier. Price firm.

Iron Blues.—An increase of shipments into consumption reported. Prices firm for both milori and Chinese blues.

Mercuric Oxides.—Demand for both red and yellow materials was routine. Prices steady.

Ocher.—Routine and unchanged in price.

Toluidine Toner.—Firm, following reduction of two weeks ago. Better interest reported.

Ultramarine Blue.—No change since last reviewed. Firm.

Vermilion.—Trade dull, with wide price range still in force.

Varnish Gums

Copals.—A total of forty-four types of gums were reduced in New York. The reduction, however, was not due to any weakness in primary markets, where prices were firm, but was the result of lowering of the rate of exchange. The reductions ranged from ⅜c. to 2⅝c. per pound.

Dammars.—Fifteen types of this product were lowered, the reductions ranging from ½c. to 1⅜c. per pound. Similar to the copals, however, the reductions were due to the lowering

Imperial colors are
Always
carefully processed and
supervised in order to
give the best results
in your formulations

IMPERIAL PAPER AND COLOR CORPORATION
Pigment Color Division GLENS FALLS, N. Y.
The largest manufacturers of chemical pigment colors in America
Branch Offices and Warehouses:
Boston - New York - Philadelphia - Cleveland - Detroit - Cincinnati
Pittsburgh - Toronto - Chicago - St. Louis - San Francisco
Baltimore - Dallas - Los Angles - Louisville - Seattle

SOLID ZINC RESINATES
ZIREX
• Increases through drying . . . pigment wetting . . . film gloss . . . and adhesion. *Reduces* skinning and wrinkling.
An excellent dispersing agent for oil gels when cooked into the oils. Small quantities of Zirex added to alkyd vehicles produce a remarkable improvement. Write for particulars.
NEWPORT INDUSTRIES, INC.
230 PARK AVENUE NEW YORK, N. Y.

Improved ULTRAMARINE
Both tests were ground in varnish under the same conditions and are identical in composition and time of flow. But Calco's new, easily dispersed Ultramarine flows nearly 100% farther on an inclined plane than the former type. If you use Ultramarine—its superior "wetting out," saving in grinding time and better dispersion—make Improved Ultramarine good news for you! Write, stating your requirements, and a generous working sample to fit your needs will be sent promptly.
THE ULTRAMARINE COMPANY
SELLING AGENTS
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
BOUND BROOK NEW JERSEY
Boston • Philadelphia • Providence • New York • Charlotte • Chicago

of the rate of exchange, rather than any weakness in primary centers.

Driers

Palmitates.—Contracts for second quarter delivery will be negotiated at prices unchanged from those now in force.

Stearates.—Similar to palmitates, contract prices for the second quarter will be unchanged.

Synthetic Resins

Ester Gum.—Negotiations of contracts for delivery during the second quarter of the year were carried on at a rate satisfactory to prominent producers last week. Meanwhile, there were a few shipments reported on first quarter contracts. Quoted price was firm.

Lacquer Materials

While no further price change took place in the market for lacquer materials and solvents the general tone of the market remained firm. A steady buying interest remained in evidence. Although volume has subsided from the peak levels, it continued to make a favorable showing with the like period a year ago. Export inquiries were still fairly active, especially for acetone and butyls, but offerings were limited in many instances.

Acetone.—Market position strong. Demand steady. Export inquiry good. January exports 1,667,799 pounds, valued at $156,914, of which 550,116 pounds went to The United Kingdom and 336,000 pounds to Spain.

Alcohol, Butyl.—Prices firm and unchanged. Business moderately active. January exports 471,568 pounds, valued at $34,153.

Butyl Acetate.—Shipments moved at satisfactory pace. Prices failed to change. January exports 476,493 pounds, valued at $46,564.

Dibutyl Phthalate.—Activity moderate. Prices the same and firm.

Ethyl Acetate.—Prices well maintained. Dealings remain steady.

Tricresyl Phosphate.—Quotations unchanged and firm. Buying steady.

Shellac

Shellac on spot was lower last week. T. N. was priced at 15½c. to 16c. per pound and superfine was 16½c. to 17c. It was not certain that further shading was unlikely. Calcutta changed very little during the week, neither losing nor gaining ground. Activity on this market was conservative throughout the period. While trade was fair, it was by no means active enough to constitute an element of strength in the general situation. Trading was in small lots for prompt delivery. Contract tenders were not always taken out promptly. In the main, it appeared to be a period of waiting, and conditions, for the moment, favored buyers over sellers.

Glues and Binders

Casein.—Weakness continued to prevail in the market for domestic and Argentine grades due to a very sluggish movement of stocks. The domestic 20-30 mesh material was lowered ½c. per pound to a range of 10c. to 11c. carload lots. The 80-100 mesh materials was quoted at 10½c. to 11½c. per pound for carload lots. Argentine grades were reduced ½c. per pound to 10c. to 11c. for 20-30 mesh and 10½c. to 11½c. for 80-100. French and New Zealand products were unchanged.

WHAT THE A B C OF

Hiding Power

CAN MEAN TO YOU

PAINT	PIGMENT-VEHICLE RATIO-% PIG.	VEH.	OPAQUE PIGMENT LBS. PER GAL.	HIDING POWER SQ. FT. PER GAL.	SQ. FT. PER LB. OF PIG.	SQ. FT. PER DOLLAR OF PIGMENT
A	62.5	37.5	8.08	202	25.00	694
B	67.5	32.5	9.10	318	34.94	970
C	70.0	30.0	6.67	370	55.40	1540

A, B and **C** are commercial flat wall paints*, each formulated with a single opaque white pigment and the usual inerts. Contrary to what you might expect, they are **not** made with three different pigments. Lithopone is, in each case, the only opaque white pigment used!

Nothing could show more clearly that the real yardstick for the hiding power of any opaque white pigment is not its refractive index, or its tinting strength, but what it will do in **your paint**.

And then remember that in tests on 95 commercial flat wall paints, lithopone proved to be the more economical of the two most used pigments for flat wall paints. **For more square feet per dollar, specify Albalith lithopone.**

*Selected from among the 95 paints studied by The New Jersey Zinc Company in its recently completed investigation of hiding power.

For more of this story on hiding power, write for a copy of "A Practical Hiding Power Comparision".

New Jersey Zinc

THE NEW JERSEY ZINC COMPANY

160 Front Street, New York, N. Y.

Canadian Industries Reassigns H. Chandler, B. Twining

H. S. Chandler has been appointed acting general manager of the cellulose Products group of the Canadian Industries, Ltd. Formerly manager of the paint and varnish division, Mr.

H. S. Chandler

B. F. Twining

Chandler will be located in Montreal. B. F. Twining has been appointed acting manager of the paint and varnish division. He was formerly production manager. Mr. Twining will remain in Toronto.

Trade Briefs

Printing ink exports from the United States totaled 7,973,274 pounds in 1939, against 6,712,311 in 1938.

W. B. Sewell has started the Sewell Paint Manufacturing Company at 108 South Delacy street, Pasadena, Cal.

Cook Paint & Varnish Company, Kansas City, sales in March are running 21 percent above March, 1939, it was stated at the annual meeting of stockholders, March 18.

Donolac Company, Chicago, has appointed Cole & DeGraf, San Francisco, as agents for its plasticizers, in that area. Stay & Day Paint Materials Company, Los Angeles, are the Donolac agents for that territory.

Philip Carey Manufacturing Company, Cincinnati, stockholders will vote March 25 on an amendment to the company's by-laws to provide for the creation of the office of chairman of the board.

Interior varnish specification TT-V-71 for Federal purchases has been superseded by TT-V-71a which will become effective June 15. Copies may be purchased from the Superintendent of Documents, Government Printing Office, Washington, at 5 cents each.

Thomas Curran, of the Payson Paint & Varnish Company, this city, was nominated for office of treasurer of the Paint & Varnish Exchange Club, Inc., at the monthly meeting held March 20 in the Brooklyn Engineers Club.

Rome Paint & Varnish Co., Niagara Falls, has filed a certificate in the office of the Secretary of New York State increasing its capital stock by adding 350 shares preferred stock of $100 par value with 1,400 shares common stock no par value remaining same as heretofore.

Inventors and Patent Day April 10 Set by President

OPD Washington Bureau
March 21, 1940

Plans were announced today for the celebration of the hundred and fiftieth anniversary of the signing by President George Washington of the first patent law.

President Roosevelt issued a proclamation designating April 10, 1940, as Inventors' and Patent Day, and the Patent Office announced that an industrial exhibit will be held in the Commerce Department auditorium from April 8 to 14, at which private industry is invited to cooperate in showing progress made as the result of the American patent system. One of the largest dinners held in Washington will be given at the Mayflower Hotel the evening of the 10th to celebrate the United States patent law sesquicentennial.

Oils, Fats, and Waxes

Cottonseed Oil Futures Decline, Then Rally with Lard — Further Decline in Tallow and Grease—Soybean Oil Easier —Chinawood Continues Firm—Business Quiet

The trend of miscellaneous oils, fats and greases was downward last week. Reductions in prices were not very numerous, but cottonseed oil and lard dropped to new low levels at one time and competition among sellers of other oils and fats was keener. Business was quieter as usual at this season, consumers in many cases being disposed to limit their purchases to small quantities on the eve of the Easter holidays.

As to changes in prices, a development of interest was a further decline in tallow and grease. Soybean oil was easier owing to the decline in beans. According to an official report issued last week, the indications point to a further material increase in the area devoted to soybean cultivation in this country during the coming season. Present prospects, it is of interest to note, are also for a further important increase in the flaxseed acreage.

Chinawood Oil

The market here for chinawood oil retained a firm tone and general conditions remained about as noted in the previous week. Frequent inquiries were reported but there were few transactions in the absence of any increase in supplies. The primary situation was reported as firm with offerings light. Local offerings were limited to less than car lots. Supplies of resale oil in some quarters appeared to have undergone a further shrinkage. Quotations were generally stationary with the figures more or less nominal. The arrival was reported here of 100 long tons from Hongkong. Los Angeles reported the arrival of 25 drums and 11,780 pounds.

SAN FRANCISCO, March 20.—More frequent offerings of chinawood oil from Hongkong were noted during the week. Market developed an easier tone as business was placed at a reported 25¼c. per pound in tankcars, f.o.b. Pacific Coast ports.

Vegetable Oils

Coconut.—Crude unchanged. Market tone fairly steady. Few inquiries received. Refined steady. Trade quiet.

Corn.—Quotations underwent little change. Fair inquiry reported. Crude offerings light. March 1 indicated corn area this year 87,770,000 acres, 4.1 percent under 1939.

Cottonseed.—Edible oil maintained. Fair demand for moderate lots.

Oiticica.—Fairly active inquiry. Offerings light on spot and for shipment. Market firm.

Olive.—Trade quieter. Offerings light and price changes narrow. Spot stocks light or moderate.

Peanut.—Tone easier with competing product. Offerings generally light. March 1 indicated area this year 2,296,000 acres, 4.7 percent under last year.

Perilla.—In light supply and prices nominal. Importations from Japan in January 3,701,000 pounds, against 1,698,000 pounds same month last year.

Soybean.—Easier with competing oils. Quotations shaded ¼c. by some sellers. Fair movement on contracts. New business quieter. March 1 indicated acreage of soybeans grown alone for all purposes this year 10,610,000 acres, 18 percent over 1939. In Illinois, Indiana, Iowa and Ohio, which have 70 percent of total area, prospective acreage for 1940 is 21 percent over 1939.

Markets at Other Centers

San Francisco, March 20.—There was a very light turnover in vegetable oils. Prices showed little change, but the general tone was a bit easier.

COCONUT.—Quoted 2¾c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills; sellers might possibly accept slightly lower on bids.

COPRA.—Good buying during the week. Quoted today at 1.70c. to 1.725c. per pound, c.i.f. Pacific Coast ports. Offerings fairly plentiful.

OITICICA.—Raw, liquid oil quoted 19½c. per pound in drum, f.o.b. Pacific Coast ports for forward shipment from Brazil.

Price Changes

Advanced

Linseed oil, 2/10c. per lb.

Reduced

Beeswax, African, ½c. per lb.
Brazilian, 1c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Grease, ⅛c. to ¼c. per lb.
Lard, 10c. per 100 lbs.
Peanut oil, crude, ¼c. per lb.
Soybean oil, ¾c. per lb.
Stearin, ¼c. per lb.
Tallow, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
106.3	106.6	106.7	98.8

Market news that may have developed after this report was sent to press will be found on page 4.

COTTONSEED.—Domestic bleachable oil quoted 7c. per pound in tankcars, f.o.b. mill, Northern California.

TEASEED.—New crop teaseed oil offered here at 11½c. per pound in drums, f.o.b. Pacific Coast ports for moderate acid specification.

SESAME.—No offerings on crude or refined sesame oil. Crushers here state recent rise in freight rates applicable to sesame seed from the Orient has made business impossible to work. Buyers not interested above 8c. to 8¼c. Crushers state impossible to produce oil at less than 8½c. to 8⅝c.

Chicago, March 22.—Trade in vegetable oils is a little slow.

COCONUT.—Crude basis, 2¾c. to 3c. per pound. Refined, edible oil, 8¾c. to 9c. per pound, drums, car lots.

CORN.—Crude, low acid, 6¼c. to 6⅜c. per pound, nominal. Refined, edible oil, 8¼c. to 8½c. per pound, drums, car lots.

SOYBEAN.—Crude, 5⅝c. to 5⅞c. per pound, March-forward.

The market for soybeans on the Chicago Board of Trade was irregular with other commodities. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Mar. 22.	Closing Mar. 15.
May	$1.13¼	$1.08⅞	$1.12½	$1.12
July	1.10	1.05¼	1.09	1.08

Linseed Oil

A firm tone prevailed in domestic and foreign flaxseed markets. Linseed oil higher. Cake and meal steady. Receipts of flaxseed at New York last week 84,849 bushels. India shipped 20,000 bushels to Europe.

Flaxseed—DULUTH, March 22. — Spot flax remained strong and in demand. Trading basis unchanged at 12 cents over Minneapolis May on track and 8 cents over to arrive. Supplies of flaxseed here 32,000 bushels.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.10	$1.99	$1.97
Monday	2.09	1.99	1.97
Tuesday	2.09	1.99	1.97
Wednesday	2.11	2.00	1.98
Thursday	2.08	2.00	1.98
Friday	*	...	...

* Holiday.

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	.....	68	.....	23,936
Since Aug. 1	3,719,204	1,586,037	1,653,932	1,535,900

MINNEAPOLIS, March 22.—Demand for cash flax has slowed considerably and local buyers are more or less indifferent to the larger daily receipts. Seed house buyers are apathetic in their attitude and premiums are barely steady. Futures have declined from the high point of last week with a minimum of support and very poor trading volume.

The intention to plant report showed an increase over the 1939 December revision of acreage of about 25% in flaxseed, which will mean an increase of about 5,000,000 bushels in the Northwest's production if weather conditions are favorable to growth and maturity. west's porduction if weather conditions are favorable to growth and maturity. Weather in the Northwest is favorable at the moment with good moisture in Iowa and Minnesota. North and South Dakota and portions of Minnesota are deficient in subsoil reserves but heavy snow last week did much to correct the topsoil shortage.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.12	$1.98	$1.96
Monday	2.11	1.97	1.95
Tuesday	2.11	1.97	1.95
Wednesday	2.11	1.99	1.97
Thursday	2.10	1.98	1.97
Friday	*	...	...

* Holiday.

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	25,200	9,600	31,800	13,200
Since Sept. 1	3,983,000	1,573,940	1,835,800	540,900

WINNIPEG, March 22.—The market for flaxseed futures was quiet. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.03	$2.03⅝	$2.04¾
Monday	2.03⅝	2.04½	2.03½
Tuesday	2.03¼	2.03⅝	2.05½
Wednesday	2.06½	2.09	2.08½
Thursday	2.05½	2.08	2.07¼
Friday	*	...	...

* Holiday.

BUENOS AIRES, March 22.—Opening prices per bushel on May contracts were:—

	Last week.	Last year.
Saturday	$1.31¾	$1.11⅝
Monday	1.31¾	1.13⅝
Tuesday	1.31⅝	1.13
Wednesday	1.32½	1.12
Thursday	*	1.11⅛
Friday	*	1.11⅛

* Holiday.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID

Single Pressed and Double Pressed

Available in either cake or flake form

Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE BRAND (*distilled*)
STAR BRAND
(*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

Stearic Acid Oleic Acid Fatty Acids
(RED OIL)
A. GROSS & CO., 122 East 42nd Street, New York
ESTABLISHED 1837 FACTORY, NEWARK, N. J.

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
Woolworth Building
SPOT New York, N. Y. FUTURE

TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG. CO.
Bridesburg P. O. Philadelphia, Pa.

W. C. HARDESTY CO., Inc.
41 East 42nd Street New York

RED OIL STEARIC ACID
Saponified - Distilled

HYDROGENATED FATTY ACIDS (HYDREX)
Cottonseed Oil Fatty Acids
Palm Oil Fatty Acids
Lauric Acid
Coconut Oil Fatty Acids
Corn Oil Fatty Acids
Specialty Fatty Acids

Glycerine - Pitch - White Oleine

FACTORIES: Dover, Ohio - Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

Exports

To—	Last week.	Previous week.	Last year.
	Bushels		
United States....	461,000	181,000	240,000
United Kingdom	.....	350,000	.....
Continent	602,000	1,020,000	642,000
Orders	.....	.....	276,000
Others	12,000	4,000	220,000
Totals	1,075,000	1,555,000	1,378,000

Since January 1

To—	This year.	Last year.
	Bushels	
United States.....	4,934,000	5,577,000
United Kingdom..	4,340,000	516,000
Continent	6,503,000	8,680,000
Orders	598,000	4,146,000
Others	83,000	511,000
Totals	16,458,000	19,430,000

Visible Supply

	Bushels.
Last week.....	5,906,000
Previous week.....	5,906,000
Last year.....	8,268,000

HULL, March 22.—La Plata flaxseed quoted at £16 per long ton; Bombay, £18.

Linseed Oil.—A firm tone prevailed much of the time in foreign and domestic markets for flaxseed last week, and linseed oil was stronger here, quotations being advanced two points by crushers. A somewhat better inquiry was noted here, and advices from outside points also reported an expansion in the request. Withdrawals of oil on unfilled contracts were lighter locally, owing to the less favorable weather for painting, but larger shipments were noted at some other centers.

Demand for flaxseed in Northwestern markets was quieter, oil producers manifesting less interest in the situation, and the request from seed houses also showing some falling off. The official government report on farmers' intentions with respect to the next flaxseed crop pointed to an area of 2,836,000 acres, against 2,023,000 acres last season. Advices from the Northwest were to the effect that the condition of the soil in most sections was good. The flaxseed crop in California was said to be in very promising condition, the indications pointing to a yield in the Imperial Valley of more than 1,000,000 bushels.

MINNEAPOLIS, March 22.—Demand for linseed oil slow and local mills report a fall-off in small lot business. Most of the buyers protected themselves on the last price bulge. Crushers have a moderate supply of oil on hand and will be able to meet trade requirements without increasing their operations if the current situation is maintained. Linseed oil, f.o.b. Minneapolis, March-June, quoted at 11c. in carload lots; 10.4c. in tanks, and 11.4c. in warehouse lots.

Shipments of oil in pounds were as follows:—

	1940.	1939.
This week.....	2,520,000	1,860,000
Since Sept. 1.....	79,020,000	39,807,312

SAN FRANCISCO, March 20.—June forward positions of linseed oil are being discounted in the tankcar market in anticipation of California crop coming in, but otherwise market is steady, sellers here willing to drop two points from card list for prompt or nearby. Tankcars, 10c. per pound; drum lots, ex mill, 10.6c.; drum lots, ex warehouse, 11c.

CHICAGO, March 22. — Linseed oil moderately active. Tankcar, 10.4c. per pound; car lots, 11c.; less than car lots, 11.4c.

LONDON, March 22.—Linseed oil, 42s. 6d. per cwt.

Cake and Meal.—A steady tone prevailed. A better inquiry was noted for meal. Cake quiet.

MINNEAPOLIS, March 22.—Tone of the linseed meal market has shown appreciable improvement. Local mills have withdrawn from the spot market, with the exception of one producer, and prices have advanced 50c. per ton in the jobbing market. Soya meal supplies are still offered in fair volume, but market undertone has stiffened with less distress meal coming from the Iowa area. Meal per ton, 30-day shipment, quoted at $30.50.

Shipments of meal in pounds were as follows:—

	1940.	1939.
This week.....	2,720,000	1,640,000
Since Sept. 1.....113,110,000		60,346,650

CHICAGO, March 22.—Linseed meal dull. Round lots, $31 to $31.50 per ton, largely nominal; car lots, $31.50 to $32; less than car lots, $33.50 to $34.

TALL OIL

90-92% SAPONIFIABLE
(About 45% Rosin Acids, 45% Fatty Acids)
Prompt Delivery Ex-Warehouse, New York
A. J. RIMBERG COMPANY
117 LIBERTY STREET, NEW YORK
Specialists Since 1920

THE BRODÉ CORPORATION
MEMPHIS, TENNESSEE

PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS
Members—Memphis Merchants Exchange (Futures in Cottonseed Meal)
New York Produce Exchange (Futures in Cottonseed Oil)
District Representatives
JAMES LOVATELLI & CO., 2 Broadway, New York City
Codes: Yopps, Robinsons, Bentleys, A. B. C., 5th Edition, Peerless

PETROLEUM SULPHONATES
(Naphthenic or Mahogany Soaps)
FILTRABLEND
Ready-made base for soluble oils (cutting oil base)
FILTRONA
Highly purified dispersing agent for all technical oil emulsions
Ask for Complete Information
PETROLEUM SPECIALTIES, INC.
570 LEXINGTON AVENUE PLaza 8-2644 NEW YORK

Crude, Refined, Processed
PAINT and VARNISH OILS
Sales Representatives
R. B. Huber
216 Tremont Street, Boston
Geo. E. Moser & Son, Inc., Detroit, Mich.
White & Co., Akron and Cleveland
Marshall Dill, Los Angeles
J. A. Kagan, Dierks Building, Kansas City, Mo.
Brice H. Boyet, Louisville, Ky.
B. & S. H. Thompson & Co., Regd. Montreal and Toronto
Garrigues, Stewart & Davies, Inc. 40 Rector Street, New York
CHINAWOOD OIL
PERILLA OIL
LINSEED OIL
SARDINE OIL
SOYABEAN OIL
OITICICA OIL
RAPESEED OIL
CASTOR OIL
GUM TURPENTINE
QUICKSILVER
Special Oils to Order
PACIFIC VEGETABLE OIL CORPORATION
Importers, Refiners, Manufacturers
62 TOWNSEND STREET, SAN FRANCISCO, CALIF.
4½ million gal. U.S. Gov't Bonded Tank Storage

Cottonseed Oil

Refined oil futures were irregular, a decline early in the week being followed by a rally. Southern markets were quiet and easier.

Cottonseed Oil.—Refined oil futures were irregular last week, the general trend being downward early in the period with an upturn later on. Fluctuations were mainly a reflection of the course of lard futures. At about 6.55c. for July and 6.60c. for September cottonseed oil, however, there was a disposition among local and other traders to give the market support.

Trading was more active. Commission house participation showed an increase, with sales early in the week and purchases later on. Some of the selling was on stop loss orders. Waiting orders to purchase were uncovered on the early decline. Local and other shorts covered on the eve of the Easter holidays, business on the New York Produce Exchange being suspended from Thursday night till this morning. Political news from abroad was regarded as bearish early in the week and as rather bullish later on.

The technical position of both cottonseed oil and lard futures was regarded by some as materially improved. Southern markets for crude cottonseed oil were about ¼c. to ⅜c. lower at one time, but offerings were light and later on prices recovered. Crude soybean oil was easier, prices being reduced ¼c. to ½c. by some sellers, with offerings reported at as low as 5¼c. at mills though higher views prevailed later in the week.

According to an official report the intentions of farmers on March 1 with respect to the next soybean crop were for an area of 10,610,000 acres, an increase for the country of 18 percent as compared with last year and of 21 percent in the four principal producing states. Receipts of hogs were moderate but the movement continued to run ahead of last year and lard stocks showed further gains. The weight of the hogs received in Chicago during the week ended March 16 averaged 248 pounds against 243 pounds in the previous week and 241 pounds in the week before that. Further tenders on March cottonseed oil contracts brought the total for the month thus far up to 65.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from March 16 to March 21, inclusive, comprised 870 contracts, a total of 52,200,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks— High.	Low.	Close.
May	6.79	6.48	6.73@6.75
July	6.84	6.55	6.78 sale
September	6.88	6.60	6.82 sale
October	6.87	6.57	6.80@6.82
November	6.65	6.65	6.83 Nom

Crude, Southeast—.05¾ Nom.

Chicago, March 22.—Cottonseed oil slightly easier. Refined, edible, 9c. to 9½c. per pound, barrels, car lots; 9¾c. to 10c. per pound, less car lots.

Hull, March 22.—Cottonseed oil, refined, 35s. 7½d. per 12 pounds; crude, Egyptian, 31s. 1½d.

Cake and Meal.—Southern markets were generally quiet, developments in outside markets making buyers inclined to hold off. The tone in some sections was easier.

Markets at Other Centers

Atlanta, March 20.—Cottonseed meal of 8 percent grade $30 to $30.50 per ton at southeastern mill points. Prime crude oil 5¾c. to 5⅞c. per pound.

Planting cotton is under way in the lower cotton belt but slow progress is being made in preparing the heavy soils of the Piedmont area because of rainy weather.

Memphis, March 22.—Crude cottonseed unsettled and erratic, declining early to 5½c. and rallying later to 5¾c., with the latter figure bid today. Mills that still remain in operation seem to be sold 60 days ahead and there is no selling pressure. Some scattered lots are available at 6c. Meal more active and firmer. Visible supplies comparatively small; $30.25 per ton quoted for 41 percent, Memphis basis. Cake $27.50 per ton, Valley points. Hulls $8.50 to $9 per ton at mills.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	March 14.	March 21.
May	$27.95@——	$27.95@——
July	26.85@27.00	26.75@26.95
September	25.75@26.15	25.50@26.00
October	24.40@25.25	24.50@25.50

Fatty Acids

Capric Acid. — No broadening of trade, but movement sufficient to keep market steady.

Caproic Acid.—Prices unaltered and tone steady. Fair request for moderate lots.

Castor Oil.—This fatty acid in fair demand and market tone apparently firm.

Cottonseed Oil.—New business quiet owing to weakness in basic material. Contract movement fair.

Myristic Acid. — Trade quiet and routine. Quotations stationary.

Red Oil.—Consumption said to have increased recently. New business slow. Prices steady.

Stearic Acid.—Selling schedules held at previous levels. Fair movement on contracts and transient orders.

Tall Oil. — Output moving steadily into consuming channels. Market tone firm.

Chicago—March 22

Trade is moderate in fatty acids.

RED OIL.—Distilled or saponified, 8c. to 9c. per pound; tanks, 7½c. per pound.

STEARIC ACID. — Distilled, single press, 10¾c. to 11¾c. per pound; double press, 11¼c. to 12¼c.; triple press, 14c. to 15c.

OTHER FATTY ACIDS. — Corn oil, double distilled, 9c. to 9¼c. per pound, tankcar; 9½c. to 9¾c., barrels, car lots; coconut oil, acidulated, 10c. to 10¼c. per pound, tankcar, mostly nominal; 10½c. to 10¾c., barrels, car lots; cottonseed oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 4c. to 4¼c.; cottonseed foots, 50 percent basis, 1¾c. to 1⅞c.

Fish Oils

Menhaden.—Consumers buying refined oil for current needs only. Movement of small lots fair. Quotations unchanged and tone steady.

Sardine. — Selling schedules maintained at former levels by local refiners. Purchasing limited to moderate lots.

Sperm.—Fair movement on contracts and transient orders. Prices stationary.

Whale. — Refined quotations unaltered. Business quiet.

Markets at Other Centers

San Francisco, March 20.—Further light activity was apparent in the local sardine oil market last week as the situation eased. Offers were put out at 38c. and finally business was closed on the basis of 37c. per pound in tankcars. Some resale and some first-hand material was reported involved.

With the season closing in Southern California officially at the end of this month, and with little likelihood that what fishing remains will bring in an appreciable amount of oil, it was seen that the Southern district will have had the poorest year since the 1931-32 season. To the end of February, the season in the South accounted for only 950,218 gallons of oil. The total down there will run about one million gallons, against a peak season production in 1934-35 for Southern California amounting to five million gallons.

As for the State as a whole this season, Northern California has produced 16,404,669 gallons; added to the expected 1,000,000 out of the South, will total, say, 17,400,000. This compares with a seasonal total last year, including all districts, of 15,502,057, of which Southern California made 2,235,082 and Northern California the balance.

During February and the early part of this month, when the runs in the South were improving, the quality was exceedingly poor, the average oil yield being about 11 gallons to the ton, whereas Northern California operations frequently check in at 40 gallons to the ton.

A recapitulation of the total gallonage reported by shore plants during the past five seasons follows. It is to be considered, however, that during the seasons previous to the 1938-39 period, heavy operations were also accounted for separately by floating reduction plants:—

1934-35—16,870,565 gallons
1935-36—13,200,692 gallons.
1936-37—14,299,923 gallons.
1937-38— 9,175,277 gallons.
1938-39—15,502,057 gallons.

Incidentally, the current 1939-40 season will hang up an all-time record high for production by shore plants, in spite of the poor showing in the South. The highest previous shore plant production was in 1934-35.

Baltimore, March 20.—There are still some small lots of menhaden oil in factories along the Carolina coast, but information as to sales is lacking. Sellers,

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Fats and Oils Consumption by Industries in 1939

Factory consumption of primary animal and vegetable fats and oils in the United States totaled 4,802,289 pounds during the 1939 calendar year, compared with 4,634,135,000 pounds in 1938. Data for oleo stock were not collected; hence the secondary products, edible animal stearin and oleo oil, are shown. The statistics were compiled from the quarterly reports of the several concerns to the Bureau of the Census.

The total consumption in all industries for each item is shown except for those vegetable oils for which the crude and refined products are indicated, such as cottonseed, peanut, cocónut, corn, soybean, palm-kernel, palm, and babassu oils. For each of these a net consumption was arrived at by deducting from the total of both crude and refined consumed the quantity of refined produced.

Oils subjected to the process of hydrogenation or other treatment for special uses were reported as consumed in the products for which intended. For example: Oils treated for soap manufacture were entered in the column headed "soap" and oils intended for edible purposes were entered in one or more of the columns covering edible products. The ultimate uses of the primary oils are designated in this way.

Factory Consumption of Primary Animal and Vegetable Fats and Oils, by Classes of Products

Kind.	Total.	Shortening.	Oleomargarine.	Other edible products.	Soap.	Paint and varnish.	Linoleum and oilcloth.	Printing inks.	Miscellaneous products.	Loss (including oil in foots).
Cottonseed oil.....	1,321,190,000	904,950,000	98,657,000	233,442,000	1,061,000	51,000	.....	192,000	2,017,000	80,820,000
Peanut oil.....	67,093,000	51,713,000	2,445,000	8,678,000	805,000	.....	.....	.....	161,000	3,291,000
Coconut oil.....	529,154,000	20,659,000	38,516,000	43,931,000	388,912,000	707,000	.....	3,000	3,852,000	32,574,000
Corn oil.....	84,067,000	1,453,000	489,000	65,384,000	4,441,000	155,000	.....	.....	1,586,000	10,559,000
Soybean oil.....	369,760,000	201,599,000	70,822,000	32,345,000	11,177,000	21,720,000	6,438,000	62,000	9,332,000	16,265,005
Olive oil, edible....	3,983,000	.....	.....	3,798,000	54,000	.....	.....	.....	131,000	.....
Olive oil, inedible..	5,514,000	.....	.....	.....	1,439,000	14,000	.....	.....	4,061,000	.....
Sulphur oil or olive foots	19,370,000	.....	.....	.....	19,068,000	.....	.....	.....	302,000	.....
Palm-kernel oil.....	10,554,000	266,000	473,000	5,292,000	3,657,000	.....	.....	.....	36,000	830,000
Palm oil.....	271,046,000	113,078,000	1,000	1,332,000	102,146,000	1,000	.....	5,000	29,681,000	24,782,000
Babassu oil.....	63,193,000	506,000	13,944,000	8,459,000	37,633,000	.....	.....	.....	6,000	2,645,000
Sesame oil.....	2,266,000	724,000	.....	1,102,000	14,000	.....	.....	.....	290,000	136,000
Rapeseed oil.....	6,577,000	37,000	.....	.....	2,000	79,000	.....	.....	6,459,000	.....
Linseed oil.....	344,975,000	.....	.....	.....	1,780,000	246,965,000	68,023,000	17,526,000	10,564,000	117,000
Tung oil.....	90,720,000	.....	.....	.....	.....	82,307,000	3,763,000	2,105,000	2,545,000	.....
Perilla oil.....	42,546,000	.....	.....	.....	1,000	28,674,000	10,758,000	1,915,000	1,198,000	.....
Castor oil.....	41,090,000	.....	.....	.....	946,000	11,439,000	88,000	317,000	28,277,000	23,000
Other vegetable oils	35,852,000	887,000	.....	9,181,000	7,364,000	5,816,000	1,264,000	78,000	10,709,000	553,000
Lard	15,253,000	7,398,000	1,355,000	6,317,000	50,000	.....	.....	2,000	28,000	103,000
Edible animal stearin	32,285,000	25,574,000	3,069,000	3,142,000	278,000	.....	.....	2,000	160,000	60,000
Oleo oil.....	12,911,000	470,000	11,865,000	147,000	67,000	.....	.....	.....	362,000	.....
Tallow, edible.....	62,246,000	56,671,000	69,000	3,483,000	418,000	.....	.....	1,000	1,445,000	159,000
Tallow, inedible.....	874,099,000	.....	.....	.....	785,041,000	97,000	1,000	4,000	88,795,000	161,000
Grease	210,911,000	.....	.....	.....	129,856,000	47,000	1,000	449,000	89,038,000	520,000
Neat's-foot oil.....	5,678,000	.....	.....	.....	11,000	24,000	.....	4,000	5,622,000	17,000
Marine animal oils..	58,650,000	12,000	.....	.....	51,522,000	36,000	.....	4,000	7,002,000	74,000
Fish oils.....	222,006,000	20,321,000	.....	.....	114,961,000	24,981,000	17,385,000	204,000	40,622,000	3,532,000
Totals	4,802,989,000	1,406,318,000	241,705,000	426,053,000	1,653,704,000	423,113,000	107,721,000	22,873,000	344,281,000	177,221,000

according to report, adhere to the price of 34 cents per gallon, the last transaction recorded here. The menhaden season on the Florida coast is due to open about April 1. Quotations on refined oil unchanged.

Fats and Greases

Grease.—Quotations reduced ⅛c. to ¼c. No broadening of trade. Spot supplies comparatively light.

CHICAGO, March 22.—Choice white grease, tierces, 4⅝c. to 4⅞c. per pound; yellow, 4½c. to 4⅝c.

Lard.—Domestic trade in cash product somewhat better. Export movement continued light. Price changes moderate.

CHICAGO, March 22.—Trade in cash lard ruled quiet. Futures irregular. Following is a price record, per 100 pounds, for the week:—

	High.	Low.	Closing Mar. 22.	Closing Mar. 15.
Cash	$5.75	$5.37	$5.75	$5.77
May	5.87	5.38	5.77	5.85
July	6.05	5.37	6.00	6.05

Stearin.—Sales reported at 6c. per pound, a decline of ¼c. Offerings light.

CHICAGO, March 22.—Prime oleo stearin, tierces, 6c. to 6⅛c. per pound; lard, 6c. to 6⅛c.

Tallow.—Offerings somewhat freer and market easier. Sales at 4¾c. per pound for extra, a decline of ¼c. for the week.

CHICAGO, March 22.—Edible tallow, tierces, 5c. to 5¼c. per pound; inedible, prime, 4⅞c. to 5⅛c.

There was no trading in tallow futures on the New York Produce Exchange from March 16 to March 21, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	....	....	4.70@4.90
July	....	....	4.70@4.90

Animal Oils

Degras.—Somewhat better request for moderate lots. Tone firm. Crude stocks light.

Lard.—All grades maintained at recently reduced levels. Fair request.

CHICAGO, March 22.—Lard oil, No. 1, 8c. to 8¼c. per pound.

Neatsfoot.—Quotations stationary. Fair call for small lots.

Oleo.—Buying generally for current needs only. Tone steady.

CHICAGO, March 22.—Prime oleo oil, 7¾c. to 8c. per pound.

Tallow.—Quotations steady. Trade quiet.

CHICAGO, March 22.—Acidless tallow oil, 8c. to 8¼c. per pound, tanks.

Waxes

Bees.—African crude lower at 26c. to 26½c. per pound. Brazilian also down to same level. Refined and bleached waxes unchanged and steady. Demand fair for processed goods.

Candelilla.—Business stimulated by activity in carnauba. Prices apparently very steady. Stocks, here and at source, sufficient.

Carnauba.—No further change in price structure. Business active. Market existed for anything available. Activity expected to continue since many consumer needs remain uncovered.

Japan.—Competitive. Open prices unchanged but slightly soft. Demand irregular to moderate.

Margarin Taxes Called Trade Barrier

—Continued from page 5

a number of old ones have been repealed. Among the types of trade barriers discussed were State liquor taxes and regulations, motor carrier laws, use taxes, nursery stock inspection, milk and dairy products regulations, insurance laws, commercial fertilizer inspection, diversity of weight and measure laws, and purchase of State products for use by State institutions.

Quality

SHELLAC

FOR BETTER LACQUERS

No. 908 SPECIAL LACQUER COMPATIBLE FRENCH VARNISH

Dewaxed and processed to give a low viscosity, highly compatible French Varnish for Lacquer Formulations.

Featuring

Low Acid Number
Free from Wax
Light Color

52% Solid Content in Anhydrous S. D. No. 1 Alcohol

FOR BETTER NO RUBBING WAXES

No. 65 Extra White Refined Bleached Shellac
No. 66 DC Refined Bleached Shellac
No. 67 Dewaxed Orange Shellac

Especially dewaxed and processed. Lower acid number aiding quick solution and requiring less alkali, thereby producing more durable, more waterproof and high gloss finishes.

Working Samples Cheerfully Submitted

THE MANTROSE CORPORATION

136-146 41st Street : Brooklyn, N.Y.

AD-VENTURES of a CHEMIST

Need a wax with a high melting point?

Here's a new synthetic wax, ACRAWAX C, with a melting point of 133-134° C (270-275° F), yet unlike other high melting waxes, it is neither too hard nor brittle. It is tan colored, completely organic, and contains no ash. ACRAWAX C is insoluble in water; soluble hot in mineral spirits, turpentine, toluol, naphtha and similar hydrocarbon solvents.

ACRAWAX C solutions in turpentine, naphtha and toluol produce a stable gel on cooling. It blends with paraffin, carnauba wax, candelilla wax and rosin.

ACRAWAX C is excellent for shoe polishes, furniture and automobile polishes, jewelers' waxes, dental waxes, textiles, paper, leather, and many other purposes.

* * *

A somewhat lower melting point of 95-97° C (203-206° F) is found in ACRAWAX—a light colored, synthetic wax with excellent lustre. It is insoluble in water; soluble hot in toluol, turpentine, alcohol, and butanol. A solution of this wax in toluol forms a gel on cooling.

* * *

If a cheaper wax is required, ACRAWAX B is very similar in most properties to ACRAWAX. ACRAWAX B has a melting point of 86-88° C (187-190° F).

If you would like further information, just write us.

E. Rosendahl

GLYCO PRODUCTS CO., INC.
(DEPT. 23)
148 Lafayette St., New York, N. Y.

Come to GLYCO for
Diglycol Laurate S
Diglycol Stearate S
Diglycol Oleate S
Glyceryl Monostearate S
Glyceryl Laurate S
Methyl Stearate
Methyl Oleate
Sorbitol Stearate S
Sorbitol Oleate S
Sorbitol Laurate S

CHEMICALS BY GLYCO

Special fatty acid esters made to specifications.

POTENCY OF

VITAMIN G-COMPLEX

IN

FLEISCHMANN'S BREWERS' YEASTS

UNSURPASSED

BY ANY BREWERS' YEASTS OFFERED

IN COMMERCIAL QUANTITIES

● The Food and Pharmaceutical industry is confused regarding label statements for the so-called Vitamin G fractions of the Vitamin B Complex. Increased knowledge of the physiological and chemical properties of these vitamins has resulted in new developments and techniques in assaying materials containing the Vitamin G Complex. No recognized method of assay for any of these factors is now acceptable to all laboratories, and the methods most generally used are subject to a wide range of interpretation.

Purchasers of natural B Complex products who evaluate the factors other than B_1 in terms of Sherman-Bourquin units of Vitamin G or gammas of riboflavin can be assured that potency claims for Standard Brands products are conservative and can be substantiated without unusual and individual variations in technique.

Many reports from our pharmaceutical users—tests by independent commercial laboratories—and investigations by our own Research Laboratories convince us that *regardless of competitive claims there are no brewers' yeasts offered in commercial quantities to the food and pharmaceutical industry that are superior in Vitamin G factors to our special strains of*

Fleischmann's Pure Dry Brewers' Yeast
Type 200-B Type 90-B Type 50-B

Standard Brands Incorporated offers the following service in connection with products of this type: *The Fleischmann Laboratories, for scientific research; unexcelled manufacturing facilities; skilled formula technicians; practical merchandisers.* Let this group help you to increase nutritive values and reduce costs.

PHARMACEUTICAL DIVISION • DRY YEAST DEPARTMENT
STANDARD BRANDS INCORPORATED
595 Madison Avenue, New York, N. Y.

Copyright, 1940, Standard Brands Incorporated

Drugs, Fine Chemicals

Surcharge on Cinchonidine, Cinchonine, Quinidine, and Quinine Reduced — Tartar Products Strong — Most Minor Alkaloids Show Strength—American Quicksilver Reaching London

The price development of major importance in the market for drugs and fine chemicals last week was the reduction in the surcharge on cinchonidine, cinchonine, quinidine, quinine, and quinine-urea hydrochloride. These surcharges take care of charges comprised of war-risk insurance, ocean freight rates, and additional expenses over the cost of usual business. They are invoiced specifically. Apparently, these special expenses caused by the war have decreased.

Otherwise, the market lacked important price activity. Of interest was the report of American quicksilver arriving in London after being bought on the Pacific Coast recently at a price under that of the Italian-Spanish combine. Also, the European cartel was reported likely to establish a world sales office in Switzerland, but this lacked definite confirmation.

Demand was less than it had been in the recent past. Apparently, the special urge to cover requirements well into the future has been succeeded by an approach to the market along the line of buying on the basis of nearby needs. This has failed to unsettle prices. All quotations tended toward firmness and for the most part they were maintained free from unsettling conditions.

Price Changes

Advanced

None

Reduced

Cinchonidine, surcharge, 1c. per oz.
Cinchonine, surcharge, 1c. per oz.
Quinidin, surcharge, 1c. per oz.
Quinine, surcharge, 1c. per oz.
Quinine-urea hydrochloride, surcharge 1c. per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
198.2	198.2	197.5	182.7

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Boric.—Market conventionally active. General stability the rule. Movement satisfactory.

Acid Citric.—Expansion of demand awaited. Prospect for good season favorable. Complete price stability to prevail.

Acid Gallic.—Firm at recent advance. Good demand along normal lines.

Acid Lactic.—USP moving well at full prices. General activity normal. Stocks in good reserve.

Acid, Pyrogallic.—Recent advance confirmed. Market in firm position. Movement into consumption steady.

Acid Tannic.—Demand maintained at recent price advance. Market undertones firm. Stocks moderate.

Acid Tartaric.—Demand steady but moderate in volume. Prices strong based on raw material situation.

Adeps Lanae.—Firm undertones. Demand along normal lines. Prices well maintained. Market lacking excessive competition.

Agar.—Very steady. Trade fairly quiet but regular. Prices mainly firm in most quarters.

Alcohol.—Consumption at good volume levels. Prices generally firm. Current quotations cover second quarter business. No decision on reported possible rise in ethyl alcohol prices.

Aloin.—Market steady. No exceptional demand. Prices reflect raw material cost and firmness.

Ammonia Chloride.—USP granular in steady request. Prices well maintained. No trouble in getting deliveries.

Ammonia Salicylate.—Sales cover close at hand requirements. Prices about firm. Little competition.

Amyl Acetate.—Fully firm in keeping with competing materials. Demand about normal. No surplus of stocks.

Arecoline Hydrobromide. — Steady. Request moderate. Stocks apparently sufficient.

Barbital.—Prices holding. Interests about normal. Prompt requirement comprise most requests.

Berberine.—This item exception to the general rise of prices on such materials. Steady to firm situation. No exceptional call.

Bismuth Metal and Salt.—Demand along normal but routine lines. Quotations apparently stable.

Borax.—Movement about up to contract engagements. Fully stable situation the rule. No signs of probable price change.

Cadmium.—Consuming demand maintained at recently lowered volume. Prices show no signs of easing.

Castor Oil.—Prices still hold. undertones firm to steady. Demand active. Car lot and tank lots hard to accumulate.

CHICAGO, March 20.—Castor oil prices are:—Cold pressed, U.S.P., barrels, car lots, 13⅝c. per pound; barrels, less than car lots, 14⅜c.; returnable drums, car lots, 13⅜c.; drums, less than car lots, 14⅛c.; tanks, 12⅞c.; extracted, No. 3, barrels, car lots, 13⅛c.; barrels, less than car lots, 12⅞c.; returnable drums, car lots, 12⅞c.; drums, less than car lots, 13⅝c.; tanks, 12⅜c.

Cinchonidine. — Price feature a reduction of surcharge to 3c. per ounce. Makes net cost of item 1c. lower than before.

Cinchonine.—Surcharge dropped to 3c. per ounce, saving 1c. on current purchases.

Cinchophen. — Steady absorption of producers' offerings. Prices free from unsettlement. Little competition.

Colchicine.—Market firm at recent advance. Tendency still upward. Supplies moderate.

Eserine.—All prices subject to confirmation. Stocks never so low. Production cost runs high.

Formaldehyde.—Business normal and in good volume. Prices lack change, but may shift around April 1, when raw material quotations drop.

Glycerin.—Firm situation. Demand up to normal. All legitimate needs being met promptly by refiners. Quotations well maintained. Little competition in any quarter.

CHICAGO.—March 20.—Glycerin prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums, car lots; 13c., drums, less than car lots; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Magnesia.—New corbonate schedule has no adverse effect on demand. Movement good. Calcined material firmly maintained. Call also satisfactory.

Methanol.—Natural methanol offered on two price basis. Group A producers quote East, or West, of the Rocky Mountains. Group B divide the country into four sales zones. April 1, prices on synthetic decline. Tanks, zone 1, to be 30c per gallon. Present market 33c.

Methyl Acetone. — Group A producers prices on natural on two zone basis—East, or West of Rocky Mountains. Group B quotes a four-zone

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

AGAR AGAR

(JAP GELATIN)

All grades

CONSUMERS IMPORT CO., Inc.

342 Madison Avenue, New York

Phone: VAnderbilt 6-5722-3-4

Cable address: PUREFOOD NEW YORK • All Codes

AYRTON

CHEMICAL COMPANY, Inc.

Announces the opening of its offices at 11 Broadway, New York City

Telephone: WHitehall 4-2934
Cable: Ayrton

•

AYRCO BRAND

Your inquiries for fine, organic and inorganic chemicals for use in the domestic and foreign markets are respectfully solicited.

•

Also at London • Paris
Buenos Aires • Milan

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City
C/P

TARTARS
NEUBERG CHEMICAL CORPORATION
441 LEXINGTON AVENUE MUrray Hill 6-1990 NEW YORK, N. Y.

HORMONES PHARMACEUTICALS
VITAMINS
RARE CHEMICALS - AMINO ACIDS - SUGARS
HERMAN MEYER DRUG COMPANY, INC.
17 State Street WHitehall 4-5105 Cable: Sulfanyl New York

NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE POWDERED-GRANULAR
BETA LACTOSE IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

EDW. S. BURKE
J. F. HOLLYWOOD
Representing:
CARUS CHEMICAL CO., INC.
BENZOIC ACID
SODIUM BENZOATE
HYDROQUINONE
MANGANESE CARBONATE
MANGANESE DIOXIDE
MANGANESE SULFATE
POTASSIUM PERMANGANATE
RARER PERMANGANATES
BENZOL PRODUCTS CO.
AMINOACETIC ACID (Glycocoll)
AMINOPHYLLINE
BENZOCAINE
CHLORBUTANOL
CINCHOPHEN
CINCHOPHEN SODIUM
ETHYL GLYCOCOLL HYDRO-CHLORIDE
GLYCYL GLYCOCOLL HYDRO-CHLORIDE
8—HYDROXYQUINOLIN
ISOBUTYL PARA-AMINO-BENZOATE
NEO CINCHOPHEN
OXYQUINOLIN BENZOATE
OXYQUINOLIN CITRATE
OXYQUINOLIN SULPHATE
POTASSIUM OXYQUINOLIN SULPHATE
PHENOBARBITAL
PHENOBARBITAL CALCIUM
PHENOBARBITAL SODIUM
PROPYL PARA-AMINO-BENZOATE
TETRA-IODO-PHENOLPHTHALEIN SODIUM
THEOPHYLLINE
BENZALDEHYDE
BENZYL ALCOHOL
BROMSTYROL
CINNAMIC ACID
DIACETYL
METHYL CINNAMATE
METHYL PHENYL ACETATE
PHENYL ACETIC ACID
BENZALDEHYDE
BENZYL ALCOHOL
BENZYL CHLORIDE
BENZYL CYANIDE
DIETHYL OXALATE
DIMETHYL UREA
DI-NITRO CRESOL
CYANO ACETIC ACID
ETHYL BROMIDE
ETHYL CYANO ACETATE
8—HYDROXYQUINOLIN—5—SULPHONIC ACID
CRANSTON CHEMICAL CO.
LIQUID BROMINE
We could serve a few additional chemical manufacturers of non-conflicting products
EDW. S. BURKE
Established 1917
132 FRONT STREET NEW YORK, N. Y.

price schedule. Full schedule in Prices Current.

Quicksilver.—London reports arrival of American metal. Confirms Pacific Coast reports of sales to Europe. London also reports proposed establishment of Mecurio-Europeo sales office in Switzerland. Spot metal market unchanged.

SAN FRANCISCO, March. 20.—Interest in quicksilver lagged. Local market $1.80 per flask, f.o.b. San Francisco. Inquiry light.

Quinidine.—Surcharge reduced to 3c. per ounce. Net cost of item down 1c.

Quinine.—Surcharge 1c. lower at 3c. per ounce. No change in regular price schedule. Normal consumption reported.

Rochelle Salt.—Strength unchanged or unchallenged. Production cost averages high. Reflects raw material prices. Normal demand.

Saccharin.—Producers filling all orders from regular customers and manufacturing consumers. None getting into speculative hands. Prices stabilized.

Salicin.—More inquiry and some gain in sales. Prices apparently firm.

Saponin.—Quotations very steady. Stocks none too ample. Sellers' views firm.

Santonin.—Spring demand expected soon. Market in light supply. Prices firm and unyielding on buyers' bids.

Seidlitz Mixture.—Good call. Prices strong. Raw material cost high. No signs of change in trend.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	34¾	20⅛
Monday	26⅞	34¾	20⅛
Tuesday	26⅞	34¾	20⅛
Wednesday	26⅞	34¾	21
Thursday	26⅞	34¾	20⅛
Friday	26⅞	34¾	*

* Market closed.

Soda Benzoate.—Firm. Moving in normal volume. Outlook good for larger trade.

Soda Bicarbonate.—More inquiry for USP item. Sales up also. Prices firm. No sign of change.

Soda Cacodylate. — Limited quantities available. Some unable to accept orders.

Soda Citrate.—Trade normal. No exceptional demand. Price stability keeps volume level.

Soda Mandalate. — Business steady.

REFINED GLYCERINE
ALL GRADES
CHEMICALLY PURE—U. S. P.
CHEMICALLY PURE—B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE
Refineries Located at:
• Brooklyn, N. Y.
• Jersey City, N. J.
• Jeffersonville, Ind.
• Berkeley, Calif.
• Kansas City, Kans.
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPT.
105 HUDSON STREET
JERSEY CITY, NEW JERSEY

PRIVATE FORMULA WORK
Your own formula kept in strictest confidence . . . .
Whatever type of preparation you market — powder, jelly, cosmetics, liniments — we can save you manufacturing, packaging, shipping and distribution expense. Our complete facilities are yours at a very nominal cost. Absolute confidence guaranteed. You can talk with us without incurring any obligation.
Also Headquarters for Drugs, Chemicals, Essential Oils and Allied Products
R. GESELL, INCORPORATED
formerly Ehrmann-Strauss, Co., Inc.
202 W. Houston Street, New York

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
59 BEEKMAN STREET, NEW YORK CITY

VITAMIN PRODUCTS
FISH LIVER OILS
ATLANTIC COAST FISHERIES CORP. OF N. Y.
111 JOHN STREET, NEW YORK, N. Y.

W.R. REG. U.S. PAT. OFF.
If it's MADE of MERCURY ask WOOD RIDGE!
WOOD RIDGE DIVISION F. W. BERK & COMPANY, INC. WOOD RIDGE, NEW JERSEY

QUICKSILVER
TARTARIC ACID
CREAM OF TARTAR
TEASEED OIL RED OIL FATTY ACID RICE BRAN OIL
LEGHORN TRADING CO., 21 West St., New York City
Branches: Boston Philadelphia

Reserves ample. Consumption has upward curve. Prices maintained.

Soda Perborate.—Demand conventional in volume. Mainly satisfactory. Full price maintenance the rule.

Strychnine.—Undertones firm. Raw material no easier. Spring to bring wider call.

Tartar Emetic.—Prices still stabilized. No weakness apparent. Changes will depend on cost of antimony.

Yohimbin.—Price range still wide. No special consuming interest.

Rowland Jones Weds

Rowland Jones, jr., Washington representative of the National Association of Retail Druggists, was married March 21. His bride was Miss Geneva Helen Surratt, daughter of Mr. and Mrs. Price Pegram Surratt, Spencer, N. C. The newlyweds are honeymooning at Virginia Beach, Va.

Culpeper Foundation Formed

The late Charles E. Culpeper, founder and president of the Coca-Cola Bottling Company of New York, willed his 101,380 shares of common stock in the company to establish a foundation to bear his name, according to J. T. Murray, president of the company. The purpose of the foundation is for support of charitable, religious and educational organizations.

Peoples Drug Company, Washington, February sales totaled $1,825,077, against $1,737,141 in February last year.

VIKING
Petroleum Solvents
PENTANE
HEXANE HEPTANE
PETROLEUM ETHER
LIGROIN BENZINE
LOW COST - HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K.V. BLDG., CHARLESTON, W.VA.

Nylon Bristles to Be Generally Available

Wilmington, Mar. 19, 1940

Distribution of toothbrushes bristled with "Exton" and nylon, products of E. I. du Pont de Nemours & Co., will be broadened November 1, according to A. E. Pitcher, general manager of the plastics department of the du Pont company. Since the Fall of 1938, the use of "Exton" for toothbrushes has been confined to the "Miracle-Tuft" brush marketed by the Weco Products Company. With the increased supply of nylon material which will be obtainable from the new plant at Seaford, Del., in the Fall, Mr. Pitcher states that the du Pont company should be in a position to supply the requirements of the toothbrush industry after November 1.

The sale of toothbrushes bristled with "Exton" (a registered du Pont trademark) and nylon (a generic term) will be subject to the following policies:—

Toothbrushes sold under the trademark of the manufacturer or his sales agent may be advertised as "bristled with 'Exton'" if a high-grade texture approved by du Pont is used and if the brush does not retail for less than 47 cents each.

Toothbrushes sold under the private brand of wholesalers and retailers may be advertised as being "bristled with nylon" providing one of the higher-grade textures approved by du Pont is used and providing such brushes are not retailed at less than 39 cents each. The use of the trademark, "Exton," on this grade of brush will not be allowed.

Toothbrushes sold under the tradename of the manufacturer or his agent or private-brand brushes may be offered to retail at not less than 25 cents each providing a texture approved by du Pont is used. Brushes in this grade may be marked "bristled with nylon," but the trademark, "Exton," cannot be used.

Standard Vanilla Company has been organized with a capitalization of $75,000 in Los Angeles. The directors are C. V. Goffiner, Ruth Goffiner, and Louis V. Towt. Its representative is Shaw, Bailey, and Poe, 639 South Spring street.

EASTMAN
PARA-AMINOPHENOL
BASE AND HYDROCHLORIDE
• Available in both purified and technical grades. . . . Produced continuously, so that shipment is prompt and from fresh stock. . . . Backed by the Eastman reputation for highest-quality products.
• • •
Information and quotations will be furnished upon request. . . . Eastman Kodak Company, *Chemical Sales Division*, Rochester, N. Y.
EASTMAN TESTED CHEMICALS

AMMONIUM SULPHATE PURIFIED
CHEMICALLY PURE EXCEPT AS TO CHLORIDES
POTASSIUM CHLORIDE N.F.
AMMONIUM CHLORIDE U.S.P.
SCHUYLKILL CHEMICAL COMPANY
2346-2354 Sedgley Avenue - - Philadelphia, Pa.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

THE MANUFACTURE
of Norwegian Cod Liver Oil is subjected to control by the state, and the utmost care is taken to see that the detailed regulations for manufacture, cleanliness and hygiene, are rigidly observed in every particular. The regulations for the manufacturing of medicinal cod liver oil are issued in the form of a law and also include export of the oil.
Not a single barrel or bottle of Norwegian medicinal cod liver oil is therefore permitted to be exported before chemical examination of the oil, and also tests for taste and smell, have proved that the oil is genuine, wholesome and pure. As a proof that the oil has been approved by the Control, the consignment is accompanied by a certificate of control, which is yellow for the very best quality. Every importer should in his own interests take care that the consignment is accompanied by the certificate issued by the Norwegian Government Control.
NORWEGIAN COD LIVER OIL
World famous for its supreme quality.
For printed matter, apply to: Reklamefondet for Norsk Medicintran, P.O. Box 687, Oslo, Norway

MILK
SUGAR
(LACTOSE)
Produced at Our Gustine, Cal. Plant
Powdered—Impalpable
Highest Quality — Best Prices
SMITH, KLINE & FRENCH
LABORATORIES
109-115 North Fifth Street
PHILADELPHIA
"When you think of MILK SUGAR think of S-K-F"

PENICK has long and faithfully served many industries: soap, cosmetic, insecticide, food, pharmaceutical, chemical, liquor, perfume, rubber, and others.

BOTANICALS . . .

THE seed of the Penick botanical business was "planted" many, many years ago. This seed was nurtured with the motive — "the Initial Source of Supply for Quality Botanicals." The growth of the Penick organization attests its adherence to that principle. Today, Penick has taken root in every part of the world. The same rule is still in force—

"THE INITIAL SOURCE OF SUPPLY FOR QUALITY BOTANICALS"

Hundreds of buying representatives operating in every botanical center throughout the world, coupled with extensive production and processing facilities, provide us the world's largest supply of high quality botanical items. Strategically located warehouses (Jersey City, Lyndhurst, Chicago, Elgin, Asheville, Seattle and other points) permit prompt shipments from a stock of over 1000 different plant drugs including:

GUMS • CRUDE BOTANICALS • COSMETIC RAW MATERIALS
HIGH POTENCY VITAMIN CONCENTRATES • ALKALOIDS
INSECTICIDE BASES • SOLID and POWDERED EXTRACTS

IF IT GROWS—
ASK PENICK

S. B. PENICK & COMPANY

132 NASSAU ST. NEW YORK
1228 W. KINZIE ST. CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

McK&R. Listing by N.Y. Exchange Is Expected

—Continued from page 4

mon stock have been suspended since December, 1938.

In announcing his action, Mr. Wardall said that restoration of trading privileges does not mean that the company has completed reorganization, nor that interest payments on debentures and dividends on outstanding preference and common stock have been resumed. His complete statement follows:—

I have filed with the Securities and Exchange Commission and the New York Stock Exchange the decuments required by the exchange act to permit resumption of trading in McKesson securities.

Assuming that the exchange takes the necessary action to permit trading to be resumed in McKesson stock and debentures, the company's stockholders should realize that this does not mean that the reorganization of the company has been completed or that interest payments are being resumed on the debentures or that dividends will be declared on the presently outstanding preference and common stocks.

These securities still remain subject to the changes which will undoubtedly be made in the company's financial and corporate structure as the result of the reorganization proceedings now pending. All that is being done at this time is to restore to McKesson security holders the broad national market which the New York Stock Exchange affords and which was lost to them through the automatic suspension by the exchange of trading privileges when the company's difficulties arose in December, 1938.

This restoration of trading privileges has been dependent not only upon providing the SEC with acceptable data as to current operations of the company, but also upon correcting annual reports and registrations filed during the period of the Coster-Musica manipulations of the company's financial affairs.

'Astone' Not Registrable

The Astone Products Company, Lansdale, Pa., will not be permitted to register the notation, "Astone," as a trademark for a medicinal preparation for the treatment of asthma, bronchitis, chronic colds, and grippe, under a decision of the United States Patent Office. Registration was opposed by the National Research Products Company, Springfield, N. J., which uses the mark, "Asmatone," on similar merchandise, and the patent office has sustained the opposition on the ground that the two marks are confusingly similar.

McKinney Succeeds Mathee As Scott & Bowne President

William H. Mathee resigned March 20 as president of Scott & Bowne, Bloomfield, N. J., and of all its domestic and foreign subsidiaries. He has been succeeded as president of Scott & Bowne by William McKinney, who is also president of Walter Janvier, Inc., Harold F. Ritchie & Co., Inc., J. C. Eno (U. S.), Ltd., and a director of Beechams Pills, Inc.

Present plans call for a centralization of the manufacture of Eno Saline laxative, Scott's emulsion, Scott & Bowne vitamins, Beechams pills, and allied lines, at the Scott & Bowne plant in Bloomfield, N. J. The Janvier-Ritchie interests will maintain a local New York office at 9 Rockefeller plaza, with headquarters in Bloomfield.

J. W. Clissold, sales manager for the Scott & Bowne Vitamin Corporation, resigned March 21.

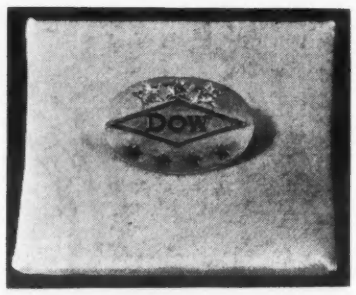
N.Y. Pharmacy College Elects

At its annual meeting March 19, the College of Pharmacy of the City of New York, Columbia University, elected the following officers and trustees:—

President, Dr. Nicholas Murray Butler.
First vice-president and chairman of the board, Dr. H. Sheridan Baketel.
Second vice-president, James C. Chilcott.
Third vice-president, J. Leon Lascoff.
Secretary, Irving McKesson.
Assistant secretary, Moritz Dittmar.
Treasurer, Percy C. Magnus.
Assistant treasurer, Samuel W. Fraser.
Trustees (three years), Ernst A. Bilhuber, Arthur R. Clapham, V. Chapin Daggett, Samuel W. Fraser, Adolph Henning, and Bayard Schieffelin; (two years), Victor E. Williams.

Dow Chemical Makes Service Awards to 175

Service awards to 175 long time employees of the Dow Chemical Company, including five with a half century of service each, were made March 4 by Dr. Willard H. Dow, president and general manager. Dr. Dow, in presenting the awards, pointed out



that the success of any business "depends upon the loyalty and co-operation of all who are joined in it."

Forty-two employees have been with Dow twenty-five years or more, ten have thirty years of service and eleven have thirty-five years. Gold watches engraved with the employee's name, date of the presentation and date he joined the company were given to sixteen men with thirty-five years or more unbroken service. Awards for twenty years of unbroken service went to 106 men and one woman, and consisted of gold pins bearing the "Dow Diamond" and four raised gold stars, each signifying five years of service. The employee's name and the date he joined Dow are engraved on the back. For more than twenty years service, similar pins were awarded, with the addition of a diamond star at the top for each five years' service. The diamond stars at the top of each pin, pictured herewith, represent five years of service in addition to the twenty years represented by the four stars at the bottom.

Petroleum Imports Put on Condition

OPD Washington Bureau
March 20, 1940

Conditional release of imports of crude petroleum, topped crude petroleum, and fuel oil has been ordered by the Bureau of Customs with respect to these products from countries other than Venezuela. This step has been taken in anticipation of the early passing of the import quota for such oils at the reduced rate under the tariff bargain with Venezuela.

Under the quota provisions of the trade agreement with Venezuela, 98,779,632 gallons of these commodities, the produce or manufacture of other countries, may be entered, or withdrawn from warehouse, for consumption at the reduced rate of ¼ cent per gallon during the calendar year 1940. Imports for consumption in excess of the quota for the year will be dutiable at the full rate of ½ cent per gallon. Imports in the first ten weeks of this year have amounted to 66,467,292 gallons, or more than 67 percent of the year's quota.

For the administration of this quota, collectors of customs have been instructed that, effective March 21, entries for consumption and warehouse withdrawals for consumption of these petroleum products from countries other than Venezuela may be accepted at the reduced rate, provided the merchandise is not released pending determination of its quota status for duty purposes. If release of the merchandise is desired before such determination, importers will be required to deposit estimated duties at the full rate.

H.E. Dralle Heads Chemical Div. of Westinghouse Co.

H. E. Dralle has been named manager of the chemical and petroleum section of the industry engineering department of the Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Since 1930 he has been gearing representative in the Northwestern and Southwestern districts for Westinghouse's Nuttall Works, with headquarters in Chicago.

Botanical Drugs, Spices, and Gums

Rhubarb Root Advanced — Henbane Lower on Poor Demand —Serpentaria Root and Simarubra Bark Reduced — True Buckthorn Up—Colchicum Seed Scarce and Higher

Trade revival in botanical drugs continued last week. Most sellers reported a very fair amount of new business on their respective books by the close of the period under review. The market appeared to be sensitive to developments abroad, actual and potential. At the least suggestion of Italy throwing in with Germany as a military ally, demand for crude drugs produced in Europe rises promptly. In the background, also, lies the chance of peace being achieved. That remote possibility tends to keep buyers conservative in their purchases. While subject to both influences from time to time, manufacturing consumers were in the market for a fairly large number of items, though the quantities bought were usually moderate in size.

Price changes were comparatively few last week and for the most part they tended to favor buyers. Some conspicuous exceptions to the general rule were noted, however, and it was once more declared that prices were in sensitive position and a return of heavy demand to the spot would more than likely lift the whole price level substantially.

Balsams

Copaiba.—Trade quiet. Fair stocks. Undertones steady. Prices free from competitive influences.

Fir.—Fair to moderate demand. Quotations steady to firm.

Barks

Black Haw.—Price lower. Root bark, 25c. to 26c. per pound. Tree bark, unchanged. Trade quiet. Mainly jobbing.

Buckthorn. — Whole bark higher. Market 25c. to 26c. per pound. Cut and sifted, 28c. to 33c., range being wider. Situation strong.

Cascara Sagrada.—Sales at 16c. to 18c. per pound. Exceptionally firm. Fair demand. Probable size of new peal uncertain.

Cociliana.—More competition. Price shaded to 35c. to 36c. per pound. Demand showing seasonal contraction.

Orange Peel.—Sweet peal in further decline. Price, 15c. to 16c. per pound. Competition more apparent and active.

Simarubra.—Quotations lower. Market 30c. to 35c. per pound. Competition more active. No large surplus supply. Light demand.

Beans

St. Ignatius.—Limited demand. Firm prices. Little competition. Fair stocks.

Vanilla.—Demand improves. Consumers take larger lots. More inquiry. Period of greater activity seems in making. Prices firm. Foreign situation strong. Stocks at low ebb, all markets.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1940, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags— Detained.	Entered.
Anise	...	1,388
Belladonna	7	215
Caraway	...	9,480
Cardamom (cases)	...	576
Celery	...	2,626
Coriander	300	3,843
Cumin	349	2,349
Digitalis leaves (cases)	1	1
Dill	...	74
Fennel	290	803
Henbane leaves (bales)	108	189
Mustard	2,800	4,745
Poppy	...	5,053
Sage leaves (bales)	...	574
Sesame	750	4,443
Stramonium	117	284
Thyme	...	584

Price Changes

Advanced

Buckthorn, true, 3c. per lb.
Cascara bark, 1c. per lb.
Colchicum seed, 5c. per lb.
Celery seed, French, 1½c. per lb.
Colchcum seed, 5c. per lb.
Guarana powdered, 15c. per lb.
Pimento, ½c. per lb.
Rhubarb root, 2c. per lb

Reduced

Aconite root, 2c. per lb.
Black haw, root bark, 1c. per lb.
Corn silk, 1c. per lb.
Cocillana bark, 5c. per lb.
Caraway seed, Dutch, ¼c. per lb.
Dragon's blood, reeds, 2c. per lb.
Ginger root, Jamaica, bright grinding, ¾c. per lb.
Henbane leaves, 5c. per lb.
Henna leaves, whole, 1c. per lb.
powdered, 1c. per lb.
Larkspur seed, 10c. per lb.
Mullein flowers, 10c. per lb.
Musk root, 20c. per lb.
Nutmegs, West Indian, ¼c. per lb
Orange peel, sweet, 1c. per lb.
Poppyseed, Dutch, ¼c. per lb.
Pepper, red, Chillies, ½c. per lb.
black, Lampona, ¼c .per lb.
Serpentaria root, 5c. per lb.
Simarubra bark, 3c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
195.3	195.5	190.5	119.5

Market news that may have developed after this report was sent to press will be found on page 4.

Prickly Ash.—Slightly more competition. Price unaffected openly. Jobbing trade in fair volume.

Flowers

Arnica.—Market very firm. Sellers report moderate request. Inquiry improved. No easing of replacement cost.

Mullein.—Reversal of price trend. Market lower at $1.45 to $1.50. Slightly more stock here.

Saffron. — Spanish flowers lower at $30 per pound. Mexican flowers unsettled. Competition more a factor. Call limited.

Gums

Aloe.—More jobbing demand. Market very firm. Stocks moderate. Held in strong quarters.

Arabic.—Conditions favor buyers. Jobbing business mainly. Stocks indicate ample reserve locally. Potential influence of war still operative.

Camphor.—Demand under influence of Spring. Prices show substantial firmness. Little local competition. Domestic synthetic selling well ahead of production.

Guaiac. — Light demand. Prices steady. Limited competition. Replacement cost firm.

Karaya.—Demand very fair. Normal in most respects. Prices stable. Competition inconsiderable.

Herbs and Leaves

Buchu.—Market lower. Price 70c. to 75c. per pound. Moderate demand. Mainly for small lots.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Tested BOTANICALLY
HOPKINS BRAND
Tested CHEMICALLY
For prompt or future shipment from our New York City Warehouses and Mills
CRUDE DRUGS
Acacia Gum (Arabic)
Aloes (all kinds)
Aniseed
Asafoetida
Benzoin
Cantharides
Colocynth
Damiana
Digitalis
Ergot
Euphorbia
Fennel Seed
Gentian Root
Ipecac Root
Irish Moss
Juniper Berries

Kola Nuts
Lavender Flowers
Lupulin
Myrrh Gum
Nux Vomica
Orange Peel
Orris Root
Papain
Peppermint Leaves
Quince Seed
Sarsaparilla
Senna Leaves
Uva Ursi
Wild Cherry
Tested MICROSCOPICALLY
J. L. HOPKINS & CO.
220 BROADWAY, NEW YORK
Tested PHYSIOLOGICALLY

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring St., New York

WHOLE AND POWDERED
GUMS
FRANK-VLIET CO., Inc.
160 WATER ST. NEW YORK, N. Y.
1001 Chestnut St. Philadelphia, Pa.
BRANCH OFFICES
206 State St. Boston, Mass.
912 East Third St. Los Angeles, Cal.
389 St. Paul St., W. Montreal, Canada
383 Brannan St. San Francisco, Cal.
KARAYA (INDIAN GUM)
LOCUST BEAN
TRAGACANTH
ARABIC

Chemical and Physical Properties of ALGIN
the gum-like thickening, emulsifying and stabilizing agent!
KELCO REFINED ALGIN PRODUCTS
ALGIN is USED
. . . as stabilizer in ICE CREAM BAKERY FILLINGS and CONFECTIONS CHEESE Processing SALAD DRESSINGS CONFECTIONERIES
. . . as suspending agent in CHOCOLATE MILK
. . . as thickener and bodying agent in TEXTILE Printing
. . . as emulsifying and bodying agent in Cold Water PAINTS
. . . as suspending and finishing agent in LEATHER Dressings
. . . as bodying agent and stabilizer in TOOTH PASTE Liquid DENTIFRICE SHAVING CREAM SOAPS and other COSMETICS
. . . or wherever a hydrophilic colloid or gum-like material is required.
ALGIN is an edible colloid, producing exceptionally high viscosity in water even if only a small amount is used. It is completely soluble in water and is superior to natural gums.
Algin is a definite chemical compound manufactured to exact specifications. It is free from extraneous impurities—requires NO boiling, testing, or other special treatment or handling. It is always uniform in its chemical and physical properties. As it is made from *domestic* kelp, uniform quality and uninterrupted service are assured.
Let one of our Technical Staff give you complete information about ALGIN and its use in your operations.
KELCO COMPANY
75 E. Wacker Drive CHICAGO
31 Nassau St. NEW YORK
530 West 6th St. LOS ANGELES

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

Fully protected by Copyright

Three-hundred-nineteenth Instalment

Paints

Driers Used in Making Paints

Strontium salts (continued) of—

(*Continued from March 18 issue*)

(9) Hexylbenzoylorthobenzoic acid, secondary
(10) Octylbenzoylorthobenzoic acid, secondary
(11) Octylnaphthoylorthobenzoic acid, secondary
(12) Octyltoluylorthobenzoic acid, secondary
(13) Octylxyloylorthobenzoic acid, secondary

Thallium salts of—
(1) Amylbenzoylorthobenzoic acid, normal, secondary, or disecondary
(2) Amylnaphthoylorthobenzoic acid, secondary
(3) Amyltetrahydrobenzoylorthobenzoic acid, secondary
(4) Amyltetrahydronaphthoylorthobenzoic acid, secondary
(5) Amyltoluylorthobenzoic acid, secondary
(6) Amylxyloylorthobenzoic acid, secondary
(7) Butylbenzoylorthobenzoic acid, secondary
(8) Caprylbenzoylorthobenzoic acid, secondary
(9) Hexylbenzoylorthobenzoic acid, secondary
(10) Octylbenzoylorthobenzoic acid, secondary
(11) Octylnaphthoylorthobenzoic acid, secondary
(12) Octyltoluylorthobenzoic acid, secondary
(13) Octylxyloylorthobenzoic acid, secondary

Thorium salts of—
(1) Amylbenzoylorthobenzoic acid, normal, secondary, or disecondary
(2) Amylnaphthoylorthobenzoic acid, secondary
(3) Amyltetrahydrobenzoylorthobenzoic acid, secondary
(4) Amyltetrahydronaphthoylorthobenzoic acid, secondary
(5) Amyltoluylorthobenzoic acid, secondary
(6) Amylxyloylorthobenzoic acid, secondary
(7) Butylbenzoylorthobenzoic acid
(8) Caprylbenzoylorthobenzoic acid
(9) Hexylbenzoylorthobenzoic acid, secondary
(10) Octylbenzoylorthobenzoic acid, secondary
(11) Octylnaphthoylorthobenzoic acid, secondary
(12) Octyltoluylorthobenzoic acid, secondary
(13) Octylxyloylorthobenzoic acid, secondary

Trialkyl-lead phenolate
Triethyl-lead monohydric phenolate
Triethyl-lead naphtholate
Triethyl-lead phenolate
Triethyl-lead polyhydric phenolate
Uranium linoleate
Uranium naphthenate
Uranium oleate
Uranium resinate
Uranium salts of—
(1) Amylbenzoylorthobenzoic acid, normal, secondary, or disecondary
(2) Amylnaphthoylorthobenzoic acid, secondary
(3) Amyltetrahydrobenzoyl orthobenzoic acid, secondary
(4) Amyltetrahydronaphthoylorthobenzoic acid, secondary
(5) Amyltoluylorthobenzoic acid, secondary
(6) Amylxyloylorthobenzoic acid, secondary
(7) Butylbenzoylorthobenzoic acid
(8) Caprylbenzoylorthobenzoic acid
(9) Hexylbenzoylorthobenzoic acid, secondary
(10) Octylbenzoylorthobenzoic acid, secondary
(11) Octylnaphthoylorthobenzoic acid, secondary
(12) Octyltoluylorthobenzoic acid, secondary
(13) Octylxyloylorthobenzoic acid, secondary

Uranium tungstate
Uversol driers
Vanadium linoleate
Vanadium naphthenate
Vanadium oleate
Vanadium resinate
Vanadium salts of—
(1) Amylbenzoylorthobenzoic acid, normal, secondary, or disecondary
(2) Amylnaphthoylorthobenzoic acid, secondary
(3) Amyltetrahydrobenzoyl orthobenzoic acid, secondary
(4) Amyltetrahydronaphthoylorthobenzoic acid, secondary
(5) Amyltoluylorthobenzoic acid, secondary
(6) Amylxyloylorthobenzoic acid, secondary
(7) Butylbenzoylorthobenzoic acid
(8) Capylbenzoylorthobenzoic acid
(9) Hexylbenzoylorthobenzoic acid, secondary
(10) Octylbenzoylorthobenzoic acid, secondary
(11) Octylnaphthoylorthobenzoic acid, secondary
(12) Octyltoluylorthobenzoic acid, secondary
(13) Octylxyloylorthobenzoic acid, secondary
(14) Orthoparamethylbenzylbenzoic acid
(15) Toluyl acid and its derivatives

Vanadium tungstate
Varcon
X-ro
Zinc with fatty acids, such as those of coconut oil
Zinc abietate
Zinc acetate
Zinc borate
Zinc linoleate
Zinc napthenate
Zinc oleate
Zinc oxide
Zinc resinate
Zinc rosinate
Zinc salts of—
(1) Amylbenzoylorthobenzoic acid, normal, secondary, or disecondary
(2) Amylnaphthoylorthobenzoic acid, secondary
(3) Amyltetrahydrobenzoyl orthobenzoic acid, secondary
(4) Amyltetrahydronaphthoylorthobenzoic acid, secondary
(5) Amyltoluylorthobenzoic acid, secondary
(6) Amylxyloylorthobenzoic acid, secondary
(7) Butylbenzoylorthobenzoic acid
(8) Caprylbenzoylorthobenzoic acid
(9) Hexylbenzoylorthobenzoic acid, secondary
(10) Octylbenzoylorthobenzoic acid, secondary
(11) Octylnaphthoylorthobenzoic acid, secondary

(*To be continued*)

Ephedra.—Sales in China through Japanese controlled company. Tientsin dealers out of contact with normal Chinese suppliers. Exporters there expect small 1939-1940 crop of poor quality. U. S. consulate, Tientsin, certified export total of 560,500 pounds. 1939. Compares with 963,000 pounds, 1938.

Euphorbia Pil.—Still in light supply. Market shaded to 11c. to 12c. per pound. Demand rather slow.

Henbane.—Low seller locally revises prices downward. Market 50c. per pound, that quarter. Others seek to curb demand by quoting 60c.

Henna.—Slightly more competition. Prices shaded. Market, whole, 15c. to 16c. per pound; powdered, 17c. to 18c.

Miscellaneous

Corn Silk.—Quotations shaded to 11c. to 12c. per pound. Not much spot demand. Competition expanding.

Dragon's Blood.—Undertones easier. Light demand creates more competition. Reeds lowered to $1 to $1.05 per pound.

Guarana.—Market strengthened. Price trend reversed. Little pressure to sell. Quotations higher at $1.20 to $1.25 per pound, done according to quantity.

Roots

Aconite.—Period of stability ended. Price down to 36c. to 38c. per pound. Light demand brings more competition. Stocks not large.

Calamus.—Bleached root still about nominal. Price range $1 to $1.25 per pound. Peeled very steady.

Jalap. — Mexican crop reported frozen in ground. Accounts for high current prices and small replacement offerings. Local market strong. No further advance.

Musk. — Spot price 40c. to 45c. Strength caused by war eased considerably. Conditions favor buyers, a reversal of market position.

Senega.—Firm. Little competition. Demand moderate. Increase expected here and in Winnipeg market.

Serpentaria. — Price shaded. Market 85c. to 90c. per pound. More competition. Expect stocks to increase.

Seeds

Caraway.—Lower. Market 12¼c. to 12¾c. per pound. Not much trading. Dutch 1941 crop to be curtailed.

Celery.—Higher. Market, 21c. to 21½c. per pound. High price has reduced sales. Buyers taking Indian seed at 13c. per pound.

Colchicum. — Scarce. Replacements difficult and uncertain. Price nearly nominal. Market 40c. to 45c. per pound.

Larkspur.—Market shaded to $1 to $1.05 per pound. Still subnormal supply. Stocks poorly distributed.

Poppy. — No Hungarian available. Dutch seed lower at 12¾c. to 13¼c. per pound.

Spices

Ginger.—Bright grinding Jamaica root 9c. to 9½c. per pound. Down a fraction. Other varieties and kinds of root unchanged.

Nutmegs. — West Indian shaded to 11¼c. to 11⅝c. per pound.

Pepper. — Lampong, off 4.05c. to 4.15c. per pound. Japanese chillies lower at 18½c. to 19c. per pound. Mombassa, 25c. to 28c. White peppers steady.

Trading in black pepper futures on the New York Produce Exchange from March 16 to March 21, inclusive, comprised 16 contracts, a total of 537,600 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
March	3.92	3.86	3.97@3.99
May	3.91	3.84	3.93@4.03
July	4.00	3.93	4.00@4.06
September	4.14	4.06	4.05@4.09
October	4.00	4.00	4.08@4.14
December	4.22	4.11	4.15@4.21

Pimento. — Demand exceeds supplies. Market up to 17c. to 17½c. per pound.

McCormick & Co. Sales Up

President Charles P. McCormick and all other officers of McCormick & Co., Inc., manufacturer of spices, extracts and insecticides, Baltimore, Md., have been reelected. Mr. McCormick, author of the "Multiple Management Plan," now being used by 200 firms and corporations in this country and abroad, reported at the annual meeting that sales last year were 12 percent greater than in 1938.

Ayrton Chemical Co. Formed

The Ayrton Chemical Company has been formed to deal in chemicals and allied products, according to Richard Ayrton, president of the Ayrton Metal Company, this city. The management of Ayrton Chemical Company will be in the hands of P. Hereld, long identified with the sale of chemicals, domestically as well as the Latin-American chemical export trade.

The paid-up capital of Ayrton Metal Company has been raised to $110,000 and this company will own all the stock of Ayrton Chemical Company, which has an authorized capital of $100,000. The chemical company will have offices at 11 Broadway, adjacent to those now occupied by Ayrton Metal Company. The telephone number of Ayrton chemical is WHitehall 4-2934.

DON'T BE AFFECTED BY PRICE FLUCTUATIONS OF CITRONELLA

Use

JAVONELLA

The Perfect Perfume for
• LAUNDRY SOAP
• LIQUID CLEANSERS
• WASHING POWDERS
• POLISHES AND WAXES

Javonella, a manufactured product, has important advantages over natural essential oils such as citronella, sassafras, etc. Dependable low price . . . uniform quality . . . and a clean, lasting fragrance that actually adds Sales Appeal to your product, are among the features which alone deserve your immediate consideration.

WRITE FOR A SAMPLE NOW !

FELTON
CHEMICAL COMPANY, INC.
603 Johnson Ave., BROOKLYN, N.Y.
Mfrs. of Aromatic Chemicals, Natural Derivatives, Perfume Oils, Artificial Flower and Flavor Oils

It's Order-time for OIL of DILL WEED

. . . And we're again favorably placed to handle your season's requirements of this important Fritzsche Specialty. Its use assures superior flavor effects because of its absolute purity and selected quality. Let us quote you on your requirements of F. B. OIL of DILL WEED . . . *NOW.*

FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Essential Oils, Aromatic Chemicals

All Italian Citrous Oils Rise Sensationally at Messina—Spot Prices Up Substantially But California Oils Lack Change —General Demand Moderate—Most Prices Steady

The outstanding price development in the market for essential oils last week was the sensational advance in quotations on bergamot, lemon, mandarin, and orange oils at Messina, Italy. Spot quotations on Messina oils were advanced substantially but not to an extent covering fully the rise abroad. Most important to users of lemon and orange oils was the fact that to a late hour in the week, California producers retained prices unchanged and offered at levels sharply lower than the quotations on imported merchandise.

The "why" of the foreign advance was not generally known. Stocks at this time of the year should be at full flood since new crops were in hand and ready for world distribution. The most reasonable explanation was that demand for fresh fruit had been so large that not much oil was produced. No one in this market got very excited. California already supplies the bulk of domestic requirements of lemon. She also can supply large quantities of orange, plentiful supplies of which can also be had from many other countries. As to bergamot, the oil is produced only in Italy and the situation is acute for that reason.

Other oils were steady in price and in generally fair, if moderate, consuming demand. Replacement costs were well maintained as a rule and there was little reason to look for a lowering of general levels in the nearby future.

Price Changes

Advanced

Bergamot, 75c. per lb.
Lemon, Messina, 75c. per lb.
Mandarin, $1 per lb.
Orange, Messina, 80c. per lb.
Petitgrain, 15c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
103.4	97.3	96.6	69.1

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet oil fairly easy. Prices subject to shading. Replacement cost comparatively low. Demand limited.

Amber.—Demand up slightly. Rise insufficient to affect prices. Undertones continue steady. Quotations maintained.

Amyris.—Strictly routine interest shown. Small lots only quantities moving. Prices stable.

Anise.—Market quiet. Routine demand builds limited sales volume. Prices generally steady. Competition inconsequential.

Apricot.—Movement gaining moderately. Prices firm at recent rise. Fair stocks in reserve.

Bergamot.—Prices in extraordinary advance. Spot at $5 to $5.50 pound cheaper than replacement. Values under full control at source.

Bois de Rose.—Very firm. Routine but steady demand. Replacement offerings few. All prices strongly maintained.

Cajeput.—Replacement cost firmer. Bids rejected. Spot quotations gain in stability. Fair consuming demand.

Calamus. — Not much call. Market strictly routine. Prices firm and well stabilized.

Cananga.—No further price shading. Undertones steadier. Competition less apparent. Routine demand.

Cardamom.—Production cost stable. Demand small and in jobbing quantities. Prices steady.

Cassia. — Demand moderate and steady. Prompt needs readily covered. Prices steady to firm. Limited competition noted.

Cedarleaf.—Inquiries few and for small lots. Prices apparently steady.

Cedarwood.—Considerable speculation regarding probable export business this Spring. Better domestic sales noted at steady prices.

Celery.—Cost of French seed very high. Indian item cheap and in good supply. Oil quiet but steady.

Citronella. — Market competitive. Conditions favor buyers. Trading in small lots main activity. No change in prices.

Clove. — Considerable competition. Prices lack further decline. Spread between producers' minimum prices still wide.

Cubeb.—Very firm but lacking in important activity. Production cost based on fairly high raw material prices. Stocks fair.

Cumin. — Good jobbing request. Prices well supported. Stocks sufficient to meet larger demand.

Dill.—Early needs well covered. Market fully steady at firm prices.

Eucalyptus. — Strong and growing stronger. Offerings few from source. Prices always high and tending higher. Demand good here.

Hemlock.—Demand about normal. Market strictly routine. Prices well stabilized. Little competition.

Lemon.—Prices rise sensationally in Italy. Spot raised to $3.75 to $4.50 per pound. Some brands cost close to $5 to replace. California oil becomes especially attractive at $3 per pound. Rise abroad comes at beginning of new selling season. Reason undetermined late last week.

Lemongrass.—Quiet and easy. In moderate request at unchanged open quotations.

Lime.—Outlook favors some price improvement if Spring trade be normal. Undertones steadier.

Mandarin.—Replacement much higher in price. Spot up to $6 to $7 per pound as to seller and position.

Mustard.—All prices steady to firm. All demand moderate. All stocks fair in size.

Nutmeg.—Sales excellent. Deliveries delayed in some quarters. Prices fully firm.

Orange. — Cables inform of much higher cost in Italy. Spot advanced to $3.80 to $7.50 per pound, according to brand. Some markets not generally disturbed. Plenty of African, California, Florida, and other kinds of oil.

Peppermint.—January export 29,402 pounds. Great Britain largest buyer, taking 19,577 pounds. Australia next with 5,806 pounds. Spot market quiet to dull last week. Prices hold steady.

Petitgrain.—Market higher at $1.55 to $1.60 per pound. More active request. Stronger import position. Reserves conservative.

Pimento.—Market firm. Production cost maintained. Demand irregular. Usually for jobbing lots.

Wormseed.—Still strong and likely to remain so. Stocks in strong hands. Unsold quantities moderate. Long time before new crop.

Aromatic Chemicals

Acetaldehyde. — High-grade item very firm. In fair request. Not much competition.

Amylphenyl Acetate.—More inquiry and some gain in sales. Prices well maintained.

Benzophenone. — Demand variable, day to day. Mainly for small lots. Prices fully stable.

Benzyl Acetate.—Movement up to recent volume. Prices firmly maintained. Reserves sufficient.

Benzyl Alcohol.—Trade rather slow. Buyers close to actual needs. Prices steady.

Benzyl Benzoate.—Routine business reported. Call mainly hand-to-mouth. Buyers feel stocks adequate. Hence, buy as needed.

Benzyl Cinnamate.—Demand stimulated moderately. Volume very good. Prices firmer, but lack change.

Benzyl Formate. — Perfumers' requirements increase conservatively. Volume up in some quarters. Quotations well supported.

Benzyl Propionate. — Trade routine and about normal. No unsettlement in values.

Benzyl Salicylate.—Selling more freely in somewhat larger lots. Prices steady to firm.

Benzylidenacetone.—Sales up moderately. Call very steady. Quotations firm in absence of competition.

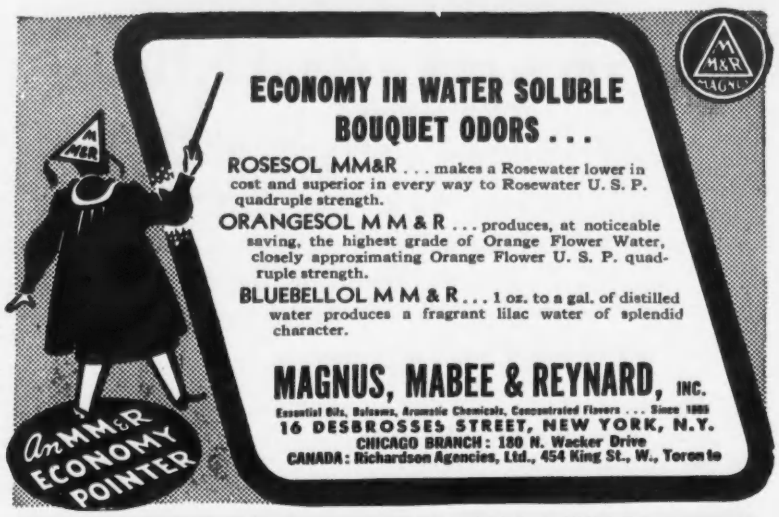
Bornyl Acetate.—Trade routine and restricted to small lots. Full prices obtained.

Cinnamic Alcohol.—Firm market. Absence of disturbing competition. Little selling pressure among dealers. Prices maintained.

Cinnamic Aldehyde.—Trade along normal lines. Market undertones very steady. No tendency to shade quotations.

Ethyl Vanillin.—Trade normally active. Prices well maintained. Market undertones very steady.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7


ECONOMY IN WATER SOLUBLE BOUQUET ODORS . . .
ROSESOL MM&R . . . makes a Rosewater lower in cost and superior in every way to Rosewater U. S. P. quadruple strength.
ORANGESOL M M & R . . . produces, at noticeable saving, the highest grade of Orange Flower Water, closely approximating Orange Flower U. S. P. quadruple strength.
BLUEBELLOL M M & R . . . 1 oz. to a gal. of distilled water produces a fragrant lilac water of splendid character.
MAGNUS, MABEE & REYNARD, INC.
Essential Oils, Balsams, Aromatic Chemicals, Concentrated Flavors . . . Since 1889
16 DESBROSSES STREET, NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. Wacker Drive
CANADA: Richardson Agencies, Ltd., 454 King St., W., Toronto
An MM&R ECONOMY POINTER

MYSORE GOVERNMENT SANDALWOOD OIL

Distilled at Linden, N. J. from selected Mysore Heartwood by Sole Distillers and Selling Agents

W. J. BUSH & CO.
INCORPORATED

ESSENTIAL OILS | NATURAL FLORAL PRODUCTS | AROMATIC CHEMICALS

D. W. HUTCHINSON & CO., Inc.
IMPORT ESSENTIAL OILS EXPORT
162-164 Front Street Established 1896 New York City

Headquarters for

BALSAM PERU
LIQUID STYRAX
SANDALWOOD U. S. P.
OIL SASSAFRAS ARTIFICIAL
SAFROL

D&O ESTABLISHED IN 1798

We solicit your orders for prompt or future delivery

DODGE & OLCOTT COMPANY
180 VARICK STREET NEW YORK, N. Y.
Boston Chicago Philadelphia St. Louis Los Angeles
Plant and Laboratories: Bayonne, N. J.

Industrial Uses of Chemicals and Related Materials

(Formerly Styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Six-hundred-eighthy-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

1-Aminoanthraquinone-2-carboxyl Chloride

Dye

Reactant in making—
Synthetic dyestuffs

Starting point (Brit. 488863) in making—
Red dyestuffs for cellulose esters and ethers

Barium Chromate

(Bariumchromat, Baryta Yellow, Barytgelb, Chromate of Baryta, Chromate de Baryte, Chromate de Baryum, Chromsauresbarium, Chromsauresbaryt, Cromato de Bario, Gelbin, Lemon Chrome, Steinbuhl Yellow, Steinbuhlergelb, Steinbuller Yellow, Steinbullergelb, Ultramarine Yellow)

Abrasives

Etching agent (U.S. 1402793) for—

Abrasives	Quartz
Corundum	Sand
Emery	Silica
Garnet	Silicon carbide

Ceramic

Pigment for—
Porcelain and potteries

Chemical

Catalyst (U.S. 1322291) in making—
Ammonia
Nitrogen oxides

Process material (U.S. 1271013) in making—
Dehydrogenation catalysts
Hydrogenation catalysts

Electrical

Process material (U.S. 1166464) in making—
Incandescent lamp

Explosives and Matches

Ingredient of—
Match-head composition (U.S. 1201191 and 1290146)
Priming mixture (U.S. 1842556)
Safety match compositions

Glass

Pigment for
Glassware

Insecticide

Process material (U.S. 1496436) in making—
Insecticide

Metal Fabricating

Process material (Brit. 406445) in making—
Anticorrosion coatings

Metallurgical

Process material (U.S. 1287605) in—
Rustproofing iron and steel

Miscellaneous

Ingredient (U.S. 1231997) of—
Shoe polish

Paint and Varnish

Pigment in—
Luminous paint (U.S. 1237368)
Paints of various kinds

Process material (Brit. 403762) in making —
Chrome yellow pigments

Textile

Discharge agent in—
Printing processes

4-Chlor-5:6-benzoquinolin

Pharmaceutical

Claimed (Brit. 481874) as—
Colorless product useful in destroying blood parasites (malaria), amebae, and worm infections

Crotylidenecyanacetic Acid Methylester

Miscellaneous

Starting point (Brit. 460914 and 494550) in making—
Compositions especially suitable for covering floors and walls by working it up with a filling material and a polymerization catalyst

---

N-Cyclohexyl-N'-dimethylaminoethylurea

Chemical

Starting point (Brit. 500153) in making—
Salts useful for softening and improving textiles

Dichlorethyl Sulphide

(HS, Iprite, Lost, Mustard Gas, Senfgas, Yperite)

Chemical

Reactant in—
Organic syntheses

Starting point in making—
Beta-beta'-diethoxyethyl sulphide
Betaethoxy-beta'-hydroxyethyl sulphide
Dichloroethyl sulphoxide
Dichloroethylsulphone
Diethylphenylthioarsin
Diethylthioglycol
Di-iodoethyl sulphide
Dithiane (diethylene disulphide)
Dithiane methiodide
Divinyl sulphide
4-Ethyl-1:4-thiazane
Hexachloroethyl sulphide
Hydrochloric acid by hydrolysis
4-Methyl-1:4-thiazane
4-Phenyl-1:4-thiazane
1:4-Selenothiane
Tetrachloroethyl sulphide
Tetrachloroethyl sulphoxide
Tetraiodo-iprite
1:4-Thiazane
Thiodiglycol by hydrolysis
Trichloroethyl sulphide
Vinyl betachloroethylsulphide
Vinyl betaethoxyethylsulphide

Military

As a military poison gas (vesicant)

4-Dimethylaminophenylmethylsulphone

Chemical

Intermediate (Brit. 490043) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 490043) in making—
Dyestuffs

Formyl Fluoride

Chemical

Reactant in—
Organic syntheses

Military

Suggested for use as—
Military poison gas

Hexachlorodibenzyl

Electrical

Dielectric (Brit. 433070)
Insulating medium (Brit. 433070)

Meta-aminobiguanidylbenzene Hydrochloride

Resins

Starting point (Brit. 495032 and 495401) in making—
Synthetic resins (as anion exchangers), by reacting with metaphenylenediamine and formaldehyde

---

Methylsulphuric Acid

(Acid Methyl Sulphate, Acide Methylesulphurique, Acido Metilsolforico, Acido Metilsulforico, Methyl Hydrogen Sulphate, Methylschwefelsaure)

Chemical

Reactant in—
Organic syntheses

Starting point in making—
Dimethyl sulphate (U.S. 1399238 and 1411215)
Dimethyl sulphate, with methyl chloroformate
Methyl chlorosulphonate, with monochloromethyl chloroformate
Methylsulphuric acid chloride

Dye

Starting point (Brit. 271533) in making—
Soluble vat dyestuffs, with—
1:2-Anthraquinone
Flavanthrone
Indanthrone
Naphthacridone
Thioindigo

Military

As a military poison gas

Ingredient of—
Military poison gas admixtures with dimethyl sulphate

Monocetyl Suberate

Lubricant

Claimed (Brit. 500222) as—
Cutting oil base
High-pressure, thin-film lubricant for incorporation in suitable hydrocarbon oils or greases

---

Paraisopropylalphamethylhydrocinnamic Aldehyde

(Cyclamen Aldehyde)

Perfume

Powerful odorant in—
Perfume preparations

Sorbic Acid Isopropylbutylester

Chemical

Dispersing agent (Germ. 626880) in making—
Emulsions of various chemicals
Textile lubricants in emulsified form

Cosmetic

Dispersing agent (Germ. 626880) in making—
Emulsified cosmetics

Fats, Oils, and Waxes

Claimed (Germ. 626880) as powerful emulsifier for—

Fats	Waxes
Oils	

Dispersing agent (Germ. 626880) in making—
Emulsified boring oils
Emulsified drilling oils
Emulsified fat-splitting preparations

Dispersing agent (continued)—
Emulsified fatty acids of animal or vegetable origin
Emulsified greasing compositions
Emulsified greasing and lubricating composition containing various vegetable and animal fats and oils
Emulsified preparations of natural or synthetic waxes
Emulsified sulphonated oils
Emulsified wire-drawing oils
Emulsions of animal and vegetable fats and oils

Leather

Dispersing agent (Germ. 626880) in making—
Emulsified compositions for softening hides
Emulsified dressing compositions
Emulsified fat-liquoring baths
Emulsified finishing compositions
Emulsified soaking compositions
Emulsified waterproofing compositions

Miscellaneous

Dispersing agent (Germ. 626880) in making—
Automobile polishes in emulsified form
Emulsified furniture polishes
Emulsified greasing compositions
Waterproofing compositions in emulsified form

Paint and Varnish

Dispersing agent (Germ. 626880) in making—
Waterproofing compositions in emulsified form

Paper

Dispersing agent (Germ. 626880) in making—
Emulsified compositions for sizing paper and pulp products
Emulsified compositions for waterproofing paper and pulp compositions and paperboard
Waxing compositions in emulsified form

Petroleum

Dispersing agent (Germ. 626880) in making—
Emulsified mineral oils
Kerosene emulsions
Naphtha emulsions
Soluble greases in emulsified form
Solubilized emulsified oils and distillates
Various textile oils in emulsified form, such as rayon oils

Soap

Dispersing agent (Germ. 626880) in making—
Emulsified detergents, containing soaps, used for various purposes
Emulsified hand-cleansing compositions containing soap
Emulsified textile soaps

Textile

Finishing

Dispersing agent (Germ. 626880) in making—
Emulsified coating compositions
Emulsified sizing compositions
Emulsified washing compositions
Emulsified waterproofing compositions
Emulsified waxing compositions

Manufacturing

Dispersing agent (Germ. 626880) in making—
Emulsified baths for degumming and boiling-off silk
Emulsified baths for soaking silks
Emulsified compositions used for degreasing raw wool
Oiling emulsions for various textile purposes

INFORMATION similar to the above on 5167 chemicals and related materials is available in a every producer and every manufacturing consumer will find useful every day. **BOOK: $10** Postage paid in U. S. plus 39c postage elsewhere

Petroleum Solvents Lubricants, Fuels

Weakness in the East Causes Reduction in Midcontinent Lubricants —Kerosene and Heating Oils Advanced—Gasoline Markets Improving—Federal Probe of Tanker Uses Asked

Weakness in Eastern markets for lubricating oils had a depressing effect on Midcontinent prices last week. Four grades of bright stocks and all neutral oils were reduced. Kerosene and heating oils were advanced in New York and New England and the gasoline market showed definite signs of improvement despite the large accumulation of stocks. Following on the heels of accusations that the tanker situation was partly responsible for the alarming crude oil situation in Texas, Representative Vincent F. Harrington of Iowa introduced in congress a resolution proposing a sweeping investigation by the house committee on merchant marine and fisheries into the ownership, operation and practices of the oil tanker and oil barge transportation agencies in the United States.

Solvents and Diluents

Cleaners' Naphtha.—Continued improvement noted with shipments at better levels. Prices steady and unchanged.

Lacquer Diluent.—Lacquer makers were active buyers. Listed quotations unchanged.

Petroleum Thinners.—A broader demand from the paint-making trade was reported.

Rubber Solvent.—Good movement of stocks to the Akron tire manufacturers. Prices steady.

Stoddard Solvent.—More inquiries from cleaning trade reported. Shipments heavier. Price firm.

V. M. & P. Naphtha.—Trade more active. Paint makers' sales larger. Price firm.

Markets at Other Centers

Chicago—March 21

Approach of Spring seems to be helping some of the petroleum solvents and diluents in a demand way, but the market for these materials as a whole is a little dull and for the most part is just about holding its own. The price structure is well stabilized at present. Inquiry has been a little better here and there. Ruling prices in tankcar lots, f.o.b. Group 3, are:—Blending naphtha, 4c. to 4½c. per gallons; cleaners' naphtha, 6⅞c. to 7c.; petroleum spirits, 5⅞c. to 6c.; rubber solvent, 6⅞c. to 7c.; lacquer diluent, 7⅜c. to 8c.; Stoddard solvent, 6⅜c. to 6½c.; V. & M. P. naphtha, 6⅞c. to 7c.

New Orleans—March 21

Trade in petroleum solvents and diluents continued to improve last week, with paint makers buying in better volume. Quotations were:—

CLEANING SOLVENT.—Boiling range 225-350, gravity 53, 6¾c., delivered New Orleans in tankcars.

V. M. P. NAPHTHA.—Boiling range 175-425, gravity 48, 6½c., delivered New Orleans in tankcars.

Tulsa—March 21

Heavier demand from paint manufacturers buoyed the market for petroleum solvents and diluents last week. Thinners and V.M. & P. naphtha were moving into consumption at a good rate. Rubber solvent was in better call. Other materials were routine, with all prices firm. Listed quotations were as follows: —Rubber solvent, v.m. & p., and cleaners' naphtha, 6⅞c. to 7c. per gallon; Stoddard, 6⅜c. to 6½c. and lacquer diluent, 7⅜c. to 7⅞c..

Price Changes

Advanced

Kerosene, 3/10c. per gal., N.Y., and New England.
Oil, Nos. 2, 3 and 4, 3/10c. per gal., N.Y. and New England.

Reduced

Oil, lubricating, ½c. to 2c. per gal., basic Group 3.
blending, 2/5c. to 2c. per gal., basis Group 3.

Comparative Values

Index numbers compiled from

Last week.	Prev. week.	Last month.	Last year.

Market news that may have developed after this report was sent to press will be found on page 4.

Lighter Fractions

Butane.—Strong. Demand heavy. Price firm.

Heptane.—Routine. Price steady and unchanged.

Hexane.—Pick-up in sales reported. Price firmer.

Octanes.—Trade dull. Listed quotations unaltered.

Pentanes.—No changes from previous week. Business fair.

Propane.—Good demand. Price very firm.

Petrolatums and Waxes

White Mineral Oils.—Prices were easier, but no changes were made. Sales volume off. Price shading reported.

Petrolatum.—Stocks fairly heavy. Price shading reported, although listed quotations unchanged. Trade routine.

Paraffin.—Crude scale material moving normally. Prices firm. Refined grades in good demand. No changes in quoted prices.

Chicago—March 21

Refined petroleum wax is in fair call, with more of an equilibrium noted between demand and supply than in the recent past when it was a seller's market. Demand has assumed more nearly normal proportions and material now appears available in volume. Ruling prices are:—122-124, 6.10c. to 6.15c. per pound; 125-127, 6.10c. to 6.15c.; 127-129, 6.35c. to 6.4c.; 130-132, 6.65c. to 6.7c.; 132-134, 6.9c. to 6.95c.

Tulsa—March 21

Less interest was being displayed in the market for crude scale wax last week, but despite this all prices were firm. The 124-126 material was quoted at 5½c. per pound. Refined grades were in good demand and firm.

Fuels and Lubricants

Gasoline.—Shipments to consuming channels a bit heavier. Stocks at high level. Price weak.

Kerosene.—Little change since last reviewed. Demand heavy. Supplies scarce. Price strong.

Fuel and Gas Oils.—Heavy call for Bunker fuel oil. Price well maintained. Heating oils still active at firm price.

Lubricants.—Pennsylvania neutrals and bright stocks moving into consumption satisfactorily. Slight pressure against available supplies reported. Prices firm.

Tankwagon Price Changes

Socony-Vacuum Oil Company advanced kerosene and Nos. 2, 3 and 4 heating oil 3-10c. per gallon to 8.8c. and 7.3c. per gallon, respectively.

Markets at Other Centers

Chicago, March 21

Expansion of demand for various grades of gasoline has developed in line with expectations, and has caused a considerable improvement in tone of the market, although prices up to date have not shown any marked pick-up. There is marked improvement in farm call for kerosene, tractor fuels and Diesel oil, and prices are tending stronger. Light heating oils are easing off and the same is true of heavy industrial items. Lubricants are easy to unchanged.

GASOLINE.—Low octane motor, 3¾c. to 4c. per gallon; 63-66 octane motor, 4c. to 4¼c.; 67-69 octane motor, 4¼c. to 4½c.; 70-72 octane, regular, 4½c. to 4¾c.; 60-62, 400, 3¾c. to 4c.; 64-66, 375, 4c. to 4½c.; 68-70, 360, 4½c. to 5c.

KEROSENE.—42-44, water white, 4c. to 4⅛c. per gallon; 41-43, water white, 3⅞c. to 4c.

FURNACE OIL.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 white, 3⅝c. to 3⅞c.; No. 1 straw, 3½c. to 3¾c.; No. 2 straw, 3⅜c. to 3⅝c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OIL.—No. 4, $1 to $1.10 per barrel; No. 5, 75c. to 80c.; No. 6, 60c. to 70c.

New Orleans, March 21

The domestic market maintained a steady price level during the past week. U. S. motor gasoline was quoted at 5¼c.; 63-67 octane at 5½c. and 70-72 octane at 6c.—the foregoing prices being based on a per gallon rate at refinery. Kerosene continued to be quoted at 7⅜c. per gallon at refinery. Bunker C fuel oil was

The State of the Petroleum Market

Both crude oil and gasoline prices were unchanged last week.

	Mar. 22	Mar. 15	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.2095	$1.2095	$1.147
Gasoline prices at refineries (at four refining centers) per gallon.....	.0520145	.0520145	.0478125

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1940 Jan. 1-Mar. 23	1939 Jan. 1-Mar. 23
Commercial crude oil production.....	303,817,550	270,065,145
	Week ended Mar. 23, 1940	Week ended Mar. 24, 1939
Daily average production.....	3,875,399	3,382,855
Bureau of Mines estimate.....	3,500,600	3,340,000
	Week ended Mar. 16, 1940	Week ended Mar. 9, 1940
Estimated motor fuel stocks.....	100,616,000	99,397,000
Estimated finished motor fuel stocks.....	94,143,000	92,960,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Highest quality
U.S.P. and Technical WHITE OILS
NAPHTHENIC ACID
CRESYLIC ACID
VISCOUS OILS (extremely viscous polymerized hydrocarbons)
CALODORANT GAS ODORANT
STANDARD OIL COMPANY OF CALIFORNIA
225 BUSH STREET, SAN FRANCISCO, CALIFORNIA
30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Banish Bad Odors
IN THE WINK OF AN EYE!
with
NEUTROLEUM
If your technical product is handicapped with an objectionable odor, the chances are NEUTROLEUM can correct it. The cost is negligible and it will add a new element of sales appeal to your product. NEUTROLEUM is one of the most effective and widely applied deodorants in use today. Hundreds of varied and successful applications attest its limitless utility. Write us for full details.
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.

NICKEL CATALYST
Also NICKEL CARBONATE - NICKEL OXIDE, Etc.
THE RUFERT CHEMICAL CO., 420 Lexington Ave., New York, N.Y.

ALL GRADES SHEROLATUM GUARANTEED QUALITY
The IMPROVED PETROLATUM U.S.P.
To meet all the special requirements for Pharmaceutical, Cosmetic and Industrial Purposes.
SHERWOOD Petroleum Company Inc.
REFINERS OF PETROLATUMS AND WHITE OILS
REFINERY, WARREN, PA. MAIN OFFICE ENGLEWOOD, N. J.

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
80 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

ASSOCIATION OF CONSULTING CHEMISTS AND CHEMICAL ENGINEERS, INC.
Organized to advance the science and practice of consulting chemistry and chemical engineering.
The membership, located from coast to coast, includes highly qualified specialists from all branches of the profession.
For Expert Consultants Address the Association—50 E. 41st ST., NEW YORK, N.Y. Room 82

ELECTRICAL TESTING LABORATORIES, NEW YORK
East End Avenue at 79th Street
ETL Know-by Test
Colorimetric and Specto-photometric Analyses.
Ultra-Violet Transmission and Absorption.
Extinction Co-Efficient of Vitamin A Oils.
Accelerated Aging Tests of Paints, Electrical, Chemical and Physical Tests of Oils, Papers and Engineering Materials.
Certification and Witness Tests.

Philip B. Hawk, Ph.D., Pres. Bernard L. Oser, Ph.D., Dir.
FOOD RESEARCH LABORATORIES, INC.
114 E. 32nd Street, New York
Research — Consultation — Testimony
FOODS — DRUGS — COSMETICS
SPECIALIST IN VITAMINS
Members Association of Consulting Chemists and Chemical Engineers
Write for "Science at Your Service"

Charles H. LaWall—1871-1937 Joseph W. E. Harrisson
LaWALL and HARRISSON
Pharmaceutical and Chemical Research. Biological Assays. Pharmacological Studies in association with Clinical Tests. Routine Drug and Food Control.
214 So. 12th Street Philadelphia, Pa.

E. L. LUACES & ASSOCIATES
INDUSTRIAL CHEMICAL CONSULTANTS
Development and control of processes for recovery or disposal of industrial wastes and active carbon manufacture and use. Technical advice on and supervision of advertising copy, patent and research programs, and production methods. Economic, literature and patent surveys. Special interest in Latin-American problems. Spanish, French and Portuguese correspondence invited.
P. O. Box 1107 • Woodhaven • New York
Phone: CLeveland 3-2496 Cable: Adsorbit, Newyork

PROTECT YOUR IDEAS BY **PATENTS**
Call or Send me a Sketch or Simple Model
WHAT IS YOUR INVENTION?
Z. H. Polachek 1234 BROADWAY NEW YORK PATENT ATTORNEY ENGINEER
CONFIDENTIAL ADVICE
REGISTER YOUR **TRADE MARKS**
U. S. Pat. Off. records searched
ANY Invention or Trade Mark
FREE CONSULTATION LITERATURE
Phone: LOngacre 5-3088

SADTLER, SAMUEL P. & SON, Inc.
RESEARCH AND ANALYTICAL CHEMISTS.
Special Laboratory Equipment for your work.
210 South 13th Street Philadelphia, Pa.
"Nothing Pays Like Research"

BACTERIOLOGY
Research Routine
Industrial Medical
LELAND BROWN LABORATORIES
6816 Market St. Upper Darby, Pa.

Bureau of Chemistry
New York Produce Exchange
H. P. Trevithick, Ph.B., B.S.
2 Broadway New York
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Foods, Spices, Chemicals, etc.
Consultation—Research

ROBERT CALVERT
Chemical Patents
50 East 41st Street - New York
LExington 2-7649

M. J. Carpinello Co.
OFFICIAL and LICENSED SAMPLERS, WEIGHERS, and INSPECTORS
Members N. Y. Produce Exchange, Oil Trades Association of N. Y.
Official Weighers, Inspectors and Samplers for the N. Y. Produce Exchange, the National Cottonseed Products Assn., the N. Y. Cocoa Exchange, Inc.
2 Broadway, New York Tel. BO. 9-0416

COLLAPSIBLE TUBE FILLING
Pastes, Creams, Lubricants, Ointments, etc.
YOUR MATERIAL OR OURS. FULL MANUFACTURING FACILITIES
WRITE FOR QUOTATIONS
DAY CHEMICAL CO.
480 WASHINGTON ST., NEWARK, N. J.

Ehrlich, J., Ph.D.
CONSULTING CHEMIST
153 South Doheny Drive
Beverly Hills, California
Synthetic Organic Research
Fellow of the American Institute of Chemists.

Ellis-Foster Company
Established 1907
Research and Consulting Chemists
Specializing in Synthetic Resins and their Plastics and Related Subjects.
4 Cherry Street Montclair, N. J.
Telephone—Montclair 2-3510

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-975 Frelinghuysen Ave., Newark, N. J.
Telephone: Bigelow 3-4020

Hochstadter Laboratories, Inc.
Chemical Analysis, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre—5-5360-5361
254 West 31st St. New York

DRAWBACK SPECIALISTS
Refunds of duty on materials used in exported products.
C. J. Holt & Co., Inc.
8-10 Bridge Street New York, N. Y.
Phone BOwling Green 9-6841

INDUSTRIAL CONSULTING LABS. Inc.
Analytical and Consulting Chemists
PAINTS, VARNISHES, ENAMELS AND ALLIED PRODUCTS
128 Water Street HAnover 2-1999

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street
OFFICIAL ANALYST
U. S. Shellac Importers Assoc. Am. Bleached Shellac Mfrs. Assoc.

Laning Company, E. M.
Specializing in Perfumes, Toilet preparations, Pharmaceuticals and Flavors. Formulas perfected. Problems solved. Labels and Circular Matter revised to comply with the new Food, Drug & Cosmetic Act.
433 Stuyvesant Ave., Irvington, N. J. Phone ES. 2-8433
E. M. Laning, B. Sc., Manager

Miel, George A.
Analytical & Consulting Chemists
Specializing in the: Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry.
128 Water Street HAnover 2-9096

Molnar Laboratories
CHEMISTS and BACTERIOLOGISTS
Water, Oils, Foods, Drugs and Cosmetics: Special attention to Federal Food Drug and Cosmetic Act; Toxicological Studies.
Nicholas M. Molnar, M.S., F.A.I.C. Member Assn. Consulting Chemists
211 East 19th St. New York, N. Y. GRamercy 5-1030

Munch, James C., Ph.D.
Consultant and Laboratory Service
Bioassays: Official and New Methods. New and Old drugs studied: Literature, Toxicology, Pharmacology, Clinical effects.
6816 Market Street, Upper Darby, Pa.

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting, Analytical and Research
647 W. Virginia Street, Milwaukee, Wis.

W. S. Purdy Company, Inc.
ANALYTICAL AND CONSULTING CHEMISTS
Petroleum Products, Fuels, Waxes, Fats, Greases, Soaps, Detergents, Road Construction Materials, Paints, Varnishes, Lacquers, etc.
128 Water St., N. Y. C. HA. 2-3772

John E. Raisch & Co.
OFFICIAL and LICENSED WEIGHERS, SAMPLERS and INSPECTORS CARGO SUPERVISORS and CONTROLLERS
Licensed by N. Y. Cotton, N. Y. Cocoa, N. Y. Coffee and Sugar, Commodity and N. Y. Produce Exchanges.
15 Moore Street New York, N. Y.
Tel. BO. 9-4068-4069

Schwarz Laboratories, Inc.
Analysts — Biologists — Consultants
BEVERAGES, EDIBLE OILS
ESSENTIAL OILS, FOODS, WATER
202 East 44th Street New York, N. Y.
MUrray Hill 2-0087

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. D., B. Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone AShland 4-4545.
16 East 34th St. New York City

ADHESIVE SPECIALIST
IRA L. SLOMON
For New and Original Ideas
L. I. CITY, N. Y.

Snell, Inc., Foster D.
CHEMISTS—ENGINEERS
Every form of chemical service.
305 Washington St. Brooklyn, N. Y.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
136 Cedar Street New York

Vorce, L. D.
Chemical Engineer
Electrolytic Cells
Chlorine, Caustic, Hydrogen
20 Norman Road Montclair, N. J.
Telephone 2-4516

Weiss and Downs, Inc.
CONSULTING ENGINEERS
Synthetic Phenol-Benzol, Toluol and other Coal Tar Products
50 East 41st Street, New York, N.Y.

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing in analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

If Your Professional Card
were here others would be reading now.
Send for rates.
Oil, Paint and Drug Reporter
59 John Street, New York

90c. per barrel at terminal and 95c. per barrel delivered alongside, while industrial plants were quoted at $1.36 per barrel, delivered alongside.

Tulsa—March 21

Weakness developed in the market for Midcontinent lubricating oils last week due to the weakness in Eastern markets. Four grades of bright stocks and all neutral oils were lowered ½c. to 2c. per gallon. The reductions spread to the blended oils, which were dropped 2/5c. to 2c. per gallon. Gasoline continued to show slight signs of improvement. Kerosene was in good demand, but there was less call for stocks of heating oil. Current prices are:—

GASOLINE.—U. S. motor third grade, below, 62, 3½c. to 3¾c. per gallon; 63-66, 3⅝c. to 3⅞c.; 67-69, 3¾c. to 4c.; and 70-72, 4¼c. to 4½c. The 68-70 degree is 4½c. to 4¾c.

NATURAL GASOLINE.—In Texas, 26-70, 1¾c. to 2c. per gallon, while in Oklahoma it is 2c. The 18-55, 2½c. per gallon in Texas, and 2⅜c. to 2⅝c. in Oklahoma.

KEROSENE.—The 41-43 grade is 3⅞c. to 4c. per gallon, and 42-44 is 4c. to 4¼c.

FUEL OIL.—The lowest grades are 50c. to 55c. per barrel, and the 18-22 low-pour point is 70c. to 77½c. The 24-28 zero test is $1 per barrel.

DISTILLATES.—No. 1 prime white at 3¾c. to 3⅞c., and No. 2 straw at 3½c. to 3⅝c.

LUBRICATING OIL.—Bright stocks, 23½c. to 24c. per gallon. Neutral oils, 11½c. to 15½c. per gallon.

Crude Oil Daily Output Up

Daily average gross crude oil production in the United States during the week ended March 16 was 3,890,050 barrels, an increase of 65,500 over the 3,825,550 in the previous week, according to the American Petroleum Institute. An increase of 44,100 barrels in the daily average output of Illinois was the most important change. Stocks of finished and unfinished gasoline in the United States at the end of the week were 100,616,000 barrels, a new record, and 1,219,000 over the 99,397,000 at the close of the previous week. On March 16, 1939, these stocks amounted to 86,332,000 barrels. Finished gasoline stocks gained 1,183,000 barrels to 94,143,000, compared with 80,464,000 a year ago.

Atlantic Refining to Drill Five Test Wells in Cuba

The Atlantic Refining Company, Philadelphia, has awarded to the Pioneer Drilling Company a contract for drilling five test wells on its Cuban properties. The award of the contract follows an intensive geophysical survey of potential oil producing areas on the island which Atlantic Refining has been conducting for several years. Drilling operations will start within the next thirty days. Officials of Atlantic Refining now have under consideration the advisability of affecting certain joint-interest arrangements with other American oil companies, under which its test drilling program might be considerably expanded.

Asphalt Institute Re-Elects

Joseph S. Helm, of the Standard Oil Company of New Jersey, has been re-elected president of the Asphalt Institute. Other officers re-elected were:—Vice-presidents, A. M. Maxwell, of the Standard Oil Company of Ohio; J. A. Blood, of the Standard Oil Company of California, and T. M. Martin, of the Lion Oil Company; treasurer, Herbert Spencer, of the Standard Oil Company of New Jersey; secretary, F. V. Widger, of the Texas Company, and managing director, J. E. Pennbacker.

Victor F. Palmer has resigned as treasurer of the California Standard Oil Company.

Fertilizer Materials

Chemicals Moving Well in South — Other Markets Quiet — Blood Price Lowered — Two Domestic Sulphur Producers Suspend Agreement With Italians

Promising weather, especially in the South, last week indicated heavier buying of raw fertilizer materials in the near future. Southern mixers were already calling for the supplies for which they had previously contracted. Stocks were moving out well, especially the chemicals, and it was reported that some mixers were encountering difficulty in obtaining sufficient tonnages of sulphate of ammonia for immediate delivery.

There were still discouraging signs in certain sections of the country. Despite a when-and-if-made sale of about 300 tons of menhaden scrap, reports from the Middle Atlantic states indicated that the upturn in trade had not yet been reached. Similarly, Midwestern producers reported the market was still quiet and a little easier, with blood lowered, as it was in New York. Imported blood was also reduced. Reports from Washington advised that two of the leading sulphur producers had suspended the international agreement between the Sulphur Export Corporation, owned by the companies, and Italian producers. The domestic companies, however, stated they had no present intention of increasing the price of their product.

Ntirogenates

Castor Pomace.—Shipments normal. Price firm.

Dried Blood.—Weaker. The New York price was lowered 10c. per unit to $2.90. High-grade ground was reduced 5c. per unit to $3.10 at Chicago and imported material was down 10c. to $3.10.

Fish Scrap.—Demand for Japanese sardine meal picked up. All prices were firm.

Nitrogen Solution.—Demand routine and quotations firm.

Nitrogenous Material.—Shipments to mixers heavier. All prices steady and unchanged.

Nitrate of Soda.—Deliveries against contracts continued to be heavier. Prices were firm.

Sulphate of Ammonia.—Contract shipments in better volume and pick-up in new sales reported. Price steady.

Tankage.—All grades held firmly in view of an increase of interest in stocks.

Urea.—No new developments except the appearance of a heavier call for supplies.

Potashes

Cottonseed Hull Ash.—Deliveries more normal than heretofore. Price steady.

Kainit.—Consumption better, price unchanged.

Manure Salts.—More interest reported. Shipments larger. Price firm.

Muriate.—More material moved into hands of mixers. Price firm.

Sulphate.—Nominal and scarce.

Phosphates

Bone Materials.—Fertilizer mixers became more active. Feed manufacturers still buying well. All prices steady and unchanged.

Phosphate Rock.—Slight upward trend reported. No changes in listed quotations.

Superphosphate. — Demand continued to hold to good levels. Prices remained unchanged.

Sulphur and Pyrites

Despite the cancellation of the agreement mentioned above, sales and deliveries of agricultural sulphur continued on an even keel last week with price firm. Gains in demand are expected this week. Pyrites were sluggish and scarce.

Price Changes

Advanced

None

Reduced

Blood, dried, dom., 10c. per unit, f.o.b. N.Y.
high-grade grd., 5c. per unit f.o.b. Chi.
imp., 10c. per unit, c.i.f. ports.
Cottonseed meal, $1 per ton, Southeastern mills.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.0	67.0	67.0	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Markets at Other Centers

Atlanta—March 20

The fertilizer material market is broadening. Nitrate of soda and sulphate of ammonia are especially active with some difficulty being met in taking care of orders for the latter. Cottonseed meal is off about $1 per ton. Quotations are as follows:—

SUPERPHOSPHATE. — Prices steady and unchanged.

NITRATE OF SODA.—$27 per ton, port basis.

SULPHATE OF AMMONIA.—$28 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, $30 per ton, interior mills.

BLOOD.—$3.10 per unit, basis Chicago.

TANKAGE.—$3 and 10c. per unit, basis Chicago.

NITROGENOUS.—$1.95 per unit, Midwestern points.

Baltimore—March 20

The market for crude fertilizer materials maintained much the same general character which it has for some time, with demand listless and with price levels unchanged. Quotations are as follows:—

FISH SCRAP.—Approximately 300 tons were sold to be produced during the next fishing season down Chesapeake Bay and outside the Virginia capes at $3.25 and 10c. per unit-ton f.o.b. factory.

TANKAGE.—Last business in high grade ground supplies was done at $3 and 10c. per unit-ton f.o.b. shipping point.

DRIED BLOOD.—Domestic stocks are held at $3.10 per unit f.o.b. Chicago.

SUPERPHOSPHATE.—Demand is still of modest proportions, with quotations at $8.50 per ton for run-of-pile and $9 for 16 percent milled and screened supplies.

Chicago—March 20

The fertilizer materials market is quiet and a little easier, for the most part. Blood has been available in fairly large quantities, and prices have given ground. Tankage business is slow and inactive.

BLOOD.—Principal grade, $3.10 per unit of ammonia.

TANKAGE.—High grade, feeding, $3 and 10c.; hoof meal, $2.25 to $2.50; liquid stick, $1.75 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $29 to $30; 3 and 50 percent, $32; 4½ and 50 percent, $32 to $33; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $34 to $35; beef cracklings, soft pressed, $35 to $40; pork cracklings, soft pressed, $47.50 to $50; hard pressed cracklings, per unit of protein, 70c. to 72½c.

San Francisco—March 20

Conditions in the spot fertilizer market have not materially improved. Tankage has dropped considerably. Chemicals are not freely offered. Ruling prices are:—

SUPERPHOSPHATE. — Domestic, 78c. per unit in bulk, f.o.b. San Francisco Bay. Bags, 90c. per unit.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

FISH MEAL.—California sardine meal $51.50 per ton, San Francisco and $50 Monterey.

TANKAGE.—Easy. Domestic unground, wet rendered, $2.40 and 10c. per unit-ton, f.o.b. Northern California. Dry rendered, ground, $38 per ton, f.o.b. South San Francisco; unground, dry rendered, 67½c. per unit of protein.

BONE MEAL.—At from $29 to $35 per ton, delivered Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Copra Cargo Ruled Not Legally Marked

OPD Washington Bureau
March 20, 1940

The United States Court of Customs and Patent Appeals today upheld by a three-to-two decision the assessment of a 10 percent penalty duty on a cargo of copra meal imported from Mexico and not marked to show the country of origin.

The copra meal was brought into Los Angeles harbor in October, 1936, for transshipment to Denmark on another vessel and was unloaded in customs bond. Because of a strike of longshoremen, it was impossible to load the meal, and after three months the owners, the East Asiatic Company, labeled the meal with the country of origin and entered it for consumption for sale in the United States. The collector assessed the 10 percent penalty duty provided by the tariff law for articles not properly marked when imported.

The court's decision was based on an interpretation of the meaning of the term, "import," and held that the goods were imported when the ship carrying them crossed the customs border of the United States. The majority admitted that there is no case exactly in point but held that, since it is a court of law and not of equity, it must adhere to a strict interpretation of the act.

Judges Lenroot and Garret dissented on the ground that the law authorizes importations in bond for reexport and that the purpose of the marking statute is to protect purchasers, so that there is no object in requiring the marking of merchandise not intended to enter into the commerce of the United States.

Soda Silicate Freights Cut

The New York Public Service Commission has approved new commodity freight rates of the Erie railroad on silicate of soda, other than dry, in tankcars, minimum weight subject to Rule 35 of Official Classification, from Lockport to stations East Buffalo to Black Rock, inclusive, 5 cents per hundredweight reductions. Effective March 31, 1940.

W. F. Plowfield has been named sales director of the industrial division of the R. M. Hollinghead Corporation, Camden, N. J.

Bids Wanted

Barium Nitrate:—10,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1256, opening March 27.

Boiler Compound:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3963, opening April 5.

Cleaning Compound:—14,000 pounds; Purchasing & Contracting Officer, Holabird Quartermaster Depot, Baltimore, Md.; procurement 398-166, opening April 2.

Cutting Oil:—2,000 gallons; Commanding Officer, Watervliet Arsenal, N. Y.; procurement 529, opening March 28.

Degreasing Solvent:—2,000 pounds; Purchasing & Contracting Officer, Holamore, Md.; procurement 398-166, opening April 2.
5,200 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-292, opening March 29.

Lacquer, Enamel:—2,400 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 569, opening April 1.
1,800 pounds; Chief Clerk, Federal Reformatory, Chillicothe, O.; procurement 492, opening March 28.

Soda:—63,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-292, opening March 29.

Sour:—1,200 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N.Y.; procurement 626-292, opening March 29.

Starch:—63,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-292, opening March 29.

Lime, Hydrated:—200 tons; U. S. Engineer Office, First & Douglas streets, Washington, N. W.; procurement 171, opening March 26.

Paint Stripper:—5,000 pounds; Purchasing & Contracting Officer, Holabird Quartermaster Depot, Baltimore, Md.; procurement 398-166, opening April 2.

Paris Green:—7½ tons; U. S. Engineer Office, P. O. Box 60, Vicksburg, Miss.; procurement 160, opening March 29.

Potash Perchlorate:—2,600 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1257, opening March 27.

Salt:—50 tons; Chief Clerk, Federal Reformatory, Chillicothe, O.; procurement 487, opening March 27.

Soap, Castile:—16,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-292, opening March 29.

Soapstone:—40 tons; U. S. Engineer Office, P. O. Box 60, Vicksburg, Miss.; procurement 181, opening March 29.

Soda Ash:—60,000 pounds; Procurement Division, Treasury Department, Washington; procurement 7836-S3, opening March 29.
15,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-292, opening March 29.

Soda Nitrate:—1,000,000 pounds for White Plains, Md., Bureau of Supplies & Accounts, Navy Department, Washington; schedule 1069, opening May 24.

Soda Phosphate:—3,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-173, opening March 27.
2,000 pounds; U. S. Engineer Office, P. O. Box 4970, Jacksonville, Fla.; procurement 465, opening March 26.

Scouring Compound:—1,152 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-173, opening March 27.

Shellac, Orange:—100,000 pounds for Norfolk; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 900-3224, opening April 3.

Pioneer Potash Corporation, formerly the German end of the N. V. Potash My., has opened temporary offices at the Baltimore Trust building, under the management of K. Drehrssen.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID, NAPHTHENIC — 122 dms, Robert Joseph, Tampico
ALPHABENZOINOXIONE—1 cs, Braden Copper Co, Valparaiso
ALUMINA SILICATE—20 bgs, Budde & Westermann, Seville
ALUMINUM FOIL—178 cs, Rohner, Gehrig & Co, Swiss
44 cs, F P Haskell & Co, Swiss
ANNATTO SEED—21 bgs, Schutte & Focke, Trujillo
55 bgs, W R Grace & Co, Guayaquil
20 bgs, Pablo, Calvet & Co, Kingston
200 bgs, D Steengrafe, Kingston
ANTIMONY ORE—350 bgs, Ayton Metal Co, Vera Cruz
ARROWROOT—1,000 bgs, Morningstar Nicol, St Vincent
20 bbls, Morningstar Nicol, St Vincent
ARSENIC—187 bbls, American Smelting & Refg Co, Tampico
334 bbls, Mining & Chem Product Co, Tampico
ASBESTOS—1,334 bgs, Raw Asbestos Distributor, Ltd, Beira
2,000 bgs, Johns Manville Corp, Lourenco Marques
BAY RUM—41 dms, Borun Distilling Co, St Thomas
BENZONIC COMP—10 cyls, Ganes Chem Works, Havre
BONE MEAL—2,000 bgs, Buenos Aires
BRISTLES—50 cs, N Wagman & Co, Shanghai
41 cs, Mitsubishi Shoji Kaisha, Tsingtao
100 cs, Mitsubishi Shoji Kaisha, Shanghai
36 cs, N Wagman & Co, Mukden
56 cs, F H Cone & Co, Dairen
26 cs, N Wagman & Co, Dairen
CARDAMOM—10 cs, Volkart Bros, Tuticorin
CASEIN—400 bgs, A Hurst & Co, Buenos Aires
67 bgs, Buenos Aires
34 bgs, Buenos Aires
CHAMOMILE FLOWERS—25 cs, Peek & Velsor, Trieste
20 cs, McKesson & Robbins, Trieste
CHARCOAL, VEGETABLE—36 bgs, Brazil Otticica, Inc, Rio Janeiro
CHEMICALS—2 cks, Gondrand Shipping Co, Genoa
6 cs, Italian Drug Co, Genoa
5 cks, H S Head, Genoa
4 pkgs, Sandoz Chem Works, Swiss
1 cs, Schering Corp, Buenos Aires
1 cs, Schering Corp, Buenos Aires
CHILLIES—140 bgs, Leslie & Anderson, Ltd, Mombasa
260 bgs, Walmat Raw Prod Co, Mombasa
CHROME ORE—50 bgs, Buck & Co, Durban
50 bgs, Floor Maintenance Bureau, Inc, Durban
CINCHONA BARK—71 bls, S Wattleman, Barranquilla
58 pkgs, C E Griffin & Co, Cristobal
CLOVES—1,500 bls, Maywood Chem Co, Zanzibar
200 bls, A G Dunn, Zanzibar
COALTAR INTERMEDIATES—50 dms, Ciba Co, Swiss
35 dms, Ciba Co, Swiss
COCOA BEANS—338 bgs, Guaranty Trust Co, Lisbon
520 bgs, Curacao Trading Co, Trujillo
550 bgs, W R Grace & Co, Guayaquil
100 bgs, A Canale, Guayaquil
250 bgs, W R Grace & Co, Manta
250 bgs, Guayaquil
100 bgs, Meyer & Co, Puerto Cabello
500 bgs, Puerto Cabello
174 bgs, Para
114 bgs, Wessel, Kulenkampf & Co, Cristobal
100 bgs, Pablo, Calvet & Co, Cristobal
400 bgs, Cristobal
250 bgs, Middleton & Co, Port Spain
57 bgs, Weill, Gropper & Co, Port Spain
250 bgs, General Cocoa Co, Port Spain
500 bgs, Wessel, Kulenkampf & Co, Trujillo
1,491 bgs, Machado & Co, Trujillo
1,809 bgs, Machado & Co, Sanchez
899 bgs, Gillespie & Co, Sanchez
500 bgs, General Cocoa Co, Sanchez
650 bgs, Machado & Co, Puerto Plata
270 bgs, Port Spain
250 bgs, Puerto Cabello
250 bgs, La Guaira
1 bg, Wessel, Kulenkampf & Co, Grenada
228 bgs, Balfour, Guthrie & Co, Grenada
500 bgs, Wood & Selick, Port Spain
250 bgs, W R Grace & Co, Port Spain
250 bgs, General Cocoa Co, Port Spain
250 bgs, General Cocoa Co, Port Spain
300 bgs, Wood & Selick, Port Spain
250 bgs, General Cocoa Co, Port Spain
230 bgs, Port Spain
COCONUTS—301 bgs, General Food Corp, Kingston
300 bgs, I L Toledano Corp, Kingston
254 bgs, I L Toledano Corp, Cristobal
COLORS—2 bbls, Merz & Co, Genoa
ARTISTS—13 cs, Talens & Son, Rotterdam
EARTH—45 cs, New York & Porto Rica S S Co, Antwerp
CONEYSKIN, WASTE—87 bls, Transatlantic Animal By-Product Co, Antwerp
COPAIBA BALSAM—2 cs, W R Grace & Co, Cristobal
CORIANDER SEED—273 bgs, A G Dunn, Casablanca
300 bgs, Kachurin Drug Co, Casablanca
100 bgs, Kachurin Drug Co, Casablanca
CORK—58 bgs, Garcia & Diaz, Lisbon
10 bgs, Universal Cork & Seal Co, Lisbon
84 bgs, Mundet Cork Co, Lisbon
600 ctns, Canadian Natl Railway, Casablanca
BOARD—2,200 cs, Armstrong Cork Co, Seville
BOBBINS—1 cs, Mundet Cork Corp, Lisbon
PAPER—5 cs, Corn Importing Corp, Seville
VIRGIN—2,812 bls, A Hurst & Co, Lisbon
WASTE—420 bls, United Cork Co, Seville
3 bls, Henry Suhl, Lisbon
705 bls, Armstrong Cork Co, Lisbon
777 bls, A Hurst & Co, Lisbon
980 bls, Pablo, Calvet & Co, Lisbon
242 bls, Pablo, Calvet & Co, Lisbon
485 bls, Marcelino Silva, Lisbon
WOOD—1,145 bls, United Cork Co, Seville
50 bls, Henry Suhl, Lisbon
502 bls, Dodge Cork Co, Lisbon
CORKWOOD—100 bls, A P Larson, Lisbon
155 bls, L Pardo & Co, Lisbon
200 bls, Armstrong Cork Co, Lisbon
80 bls, Victor Calderson & Co, Lisbon
295 bls, Marcelmo Silva, Lisbon
415 bls, Marcelmo Silva, Lisbon
COTTON LINTERS—580 bls, First Natl Bank, Santos
CUMIN SEED—11 bgs, Vera Cruz
100 bgs, I Harrison & Whitney, Casablanca
200 bgs, Kachurin Drug Co, Casablanca
DAMIANA LEAVES—66 bls, J L Hopkins & Co, Tampico
DANDELION ROOT—27 bgs, Corn Exchange Bank Trust Co, Trieste
20 bls, S B Penick & Co, Antwerp
DERRIS ROOT—70 bls, Dodge & Olcott, Singapore
DIVI DIVI—320 bgs, Wessel, Duval & Co, Curacao
DOGWOOD BARK—50 bgs, Peek & Velsor, Kingston
DYES, ANILIN—34 dms, Ciba Co, Swiss
184 dms, Ciba Co, Swiss
16 bbls, Sandoz Chem Works, Swiss
67 dms, Ciba Co, Swiss
17 cyls, Sandoz Chem Works, Swiss
ERGOT—10 cs, S B Penick & Co, Antwerp
FENNEL SEED—100 bgs, Public Natl Bank Trust Co, Trieste
FENUGREEK SEED—150 bgs, S B Penick & Co, Casablanca
120 bgs, W M Allison & Co, Casablanca
FISH MEAL—969 bgs, Argentina
FLAXSEED—1,016,000 kilos, 40,640 bus, Bunge North American Grain Co, Buenos Aires
2,700 bgs, 5,940 bus, Bunge North American Grain Co, Buenos Aires
858,520 kilos, 34,341 bus, Bunge North American Grain Co, Buenos Aires
1,990 bgs, 4,378 bus, Bunge North American Grain Co, Buenos Aires
FLINT STONES—47 cs, Buebendorf Bros, Antwerp
GELATIN, POWD—68 bgs, Guaranty Trust Co, Antwerp
GINGER ROOT—60 bgs, Mincing Trading Co, Kingston
GLASS, PLATE—24 cs, Max Baliks & Son, Antwerp
WINDOW—51 cs, Karr, Ellis & Co, Antwerp
131 cs, Semon, Bache & Co, Antwerp
GLUE, POWD—100 bgs, New York & Cuba Mail S S Co, Antwerp
GLUESTOCK—95 bls, Havana
GRAPHITE, AMORPHOUS—2,800 bgs, Mitsui & Co, Husan
HEMPSEED—201 bgs, Mitsui & Co, Dairen
HENBANE LEAVES—20 bls, S B Penick & Co, Antwerp
HENNA LEAVES—176 bgs, S B Penick & Co, Patras
39 bgs, Peek & Velsor, Patras
HERBS, MED—4 bls, S B Penick & Co, Antwerp
20 bls, S B Penick & Co, Antwerp
33 bls, S B Penick & Co, Trieste
19 bls, Peek & Velsor, Trieste
1 bl, S B Penick & Co, Trieste
17 bgs, Peek & Velsor, Trieste
11 bls, Kachurin Drug Co, Trieste
10 bls, Peek & Velsor, Trieste
20 bls, S B Penick & Co, Antwerp
HOPS—10 bls, A Gusmer, Genoa
17 cs, Rohner, Gehrig & Co, Antwerp
IRON OXIDE—100 bbls, J Lee Smith & Co, Malaga
40 cks, Landers Segal Color Co, Malaga
200 bbls, American Hawaiian S S Co, Malaga
LAUREL LEAVES—164 bls, Anglo American & Colonial Co, Lisbon
LIME JUICE—10 hhds, Roseau
MARJORAM LEAVES—16 bgs, J Victori & Co, Trujillo
3 cs, Briones & Co, Arica
MEAKIN MEAL—1,000 bgs, Japan
METAL LEAF—1 cs, Leopold Kruger, Genoa
2 cs, Chase Natl Bank, Genoa
MICA—100 cs, A O Schoonmaker Insulation Co, Buenos Aires
101 cs, Ford Radio & Mica Corp, Rio Janeiro
MOLASSES—700 tons, W R Grace & Co, Salaverry
MUSTARD SEED—400 bgs, Charles Gulden, Palermo
NAPHTHALENE, CRUDE—1,211 bgs, Lourenco Marques
NUTMEGS—15 bgs, Thomas Scott & Co, Grenada
150 bgs, Frank Tea & Spice Co, Grenada
30 bgs, Grenada
NUX VOMICA—153 bgs, Aries & Co, Saigon
OIL, BAY—20 cs, Barclay Bank, Roseau
BERGAMOT—4 cs, Bankers Trust Co, Naples
45 cs, Geo Lueders & Co, Messina
24 cs, Bourjois Corp, Messina
8 cs, Givaudan-Delawanna, Messina
BLUEFIN TUNA LIVER—5 dms, Japan
CAMPHOR—15 dms, Norda Essential Oil & Chem Co, Yokohama
5 dms, Magnus, Mabee & Reynard, Yokohama
25 dms, Dodge & Olcott Co, Yokohama
CHINAWOOD—100 long tons, Pacific Vegetable Oil Corp, Hongkong
CINNAMON LEAF—4 dms, Volkart Bros, Colombo
COD—90 bbls, Iceland
32 cks, Canada
CODLIVER—625 dms, Iceland
CODLIVER POULTRY—300 dms, Iceland
ESSENTAL—1 cs, Naples
12 dms Puerto Barrios
11 dms, Vera Cruz
1 dm, Vera Cruz
FISH LIVER—9 dms, Japan
FUEL—10,000 bbls, Asiatic Petroleum Corp, Curacao
INDUSTRIAL—1 cs, Genoa
LAVENDER—25 dms, Malaga
LEMON—12 cs, Bankers Trust Co, Naples
20 cs, Citrus & Allied Essential Oil Co, Palermo
14 cs, Citrus & Allied Essential Oil Co, Palermo
LIME, DIST—3 cs, Magnus, Mabee & Reynard, Port Spain
9 dms, 1 cs, Dodge & Olcott Co, Port Spain
20 cs, Roseau
15 cs, D W Hutchinson & Co, St Lucia
OIL, LUBRICATING—3 cs, Tidewater Oil Export Co, Buenos Aires
MANDARIN—4 cs, Bankers Trust Co, Naples
OLIVE—20 dms, De Simone Bros, Lisbon
100 dms, Venice Importing Co, Lisbon
500 cs, Genoa
20 cs, Naples
181 cs, Palermo
69 cs, Lisbon
50 dms, Antonio Corrao, Mitylene
50 dms, A N Cory, Mitylene
25 dms, Spanish Trading Co, Mitylene
50 dms, American Hawaiian S S Co, Mitylene
50 dms, Strohmeyer & Arpe Co, Mitylene
16 pkgs, Inter Maritime Forwarding Co, Palermo
ORANGE—10 cs, Geo Lueders & Co, Kingston
PEANUT—360 tons, Procter & Gamble Co, Tsingtao
359 tons, Swift Canadian Co, Tsingtao
681 tons, Mitsubishi Shoji Kaisha, Tsingtao
ROSE—1 cs, Gondrand Shipping Co, Genoa
ROSEMARY—1 dm, Ungerer & Co, Seville
4 dms, Norda Essential Oil & Chem Co, Seville
2 dms, J Manheimer, Seville
3 dms, Fritzsche Bros, Seville
SAGE—2 dms, E E Marks & Co, Dubrovnik
SKIPJACK LIVER—5 dms, Japan
SPERM—1,390 bbls, Antarctic
100 bbls, England
THYME—1 dm, W J Bush & Co, Seville
WHALE—29,087 bbls, Antarctic
ORANGE PEEL—130 pkgs, M E Schoen, Port Prince
3 bbls, Titan Shipping Co, Port Prince
ORE, CRUDE—500 bgs, Chase Natl Bank, Buenos Aires
PAPRIKA—100 bgs, Judson Sheldon Corp, Lisbon
100 bgs, Hudson Tea & Spice Co, Lisbon
60 cs, 75 bgs, H Schoenfeld & Son, Trieste
50 bgs, Harding Impex Co, Trieste
50 bgs, Continental Spice Co, Trieste
35 bgs, Albert Ehlers, Trieste
400 bgs, R T French Co, Seville
PEATMOSS—419 bls, E Bremermann & Co, Rotterdam
PEPPER—96 bgs, F W Pabst, Tampico
TOBASCO—107 bgs, Vera Cruz
PERFUME, SYNTH—4 cs, Givaudan Delawanna, Genoa
PERILLA SEED—2 bgs, Mitsui & Co, Dairen
PIMENTO—45 bgs, Mincing Trading Co Kingston
45 bgs, O Gerdan Co, Kingston
POPPYSEED—100 bgs, Catz American Co, Rotterdam
POTASH MURIATE—500 bgs, French Potash Co, Antwerp
PUMICE—150,000 kilos, Industrial Merchandise Corp, Canneto
510 bgs, Industrial Merchandise Co, Canneto
2,150 bgs, Industrial Merchandise Corp, Canneto
LUMP—200,000 kilos, Industrial Merchandise Corp, Canneto
120 bgs, Industrial Merfchandise Corp, Canneto
8 cs, Industrial Merchandise Corp, Canneto
PYRETHRUM FLOWERS—163 bls, Greene Trading Co, Dar es Salaam
25 bls, Otaru
125 bls, R J Prentiss & Co, Otaru
QUEBRACHO EXTRACT—5,343 bgs, Tannin Corp, Buenos Aires
2,839 bgs, International Product Corp, Buenos Aires
3,112 bgs, Tannin Corp, Buenos Aires
QUICKSILVER—228 flasks, Chase Natl Bank, Tampico
9 flasks, A W Fenton & Co, Vera Cruz
20 flasks, Chase Natl Bank, Vera Cruz
50 flasks, Irving Trust Co, Vera Cruz
38 flasks, Vera Cruz
ROOT, MED—10 bgs, Peek & Velsor, Trieste
10 bls, S B Penick & Co, Trieste
13 bgs, R J Prentiss & Co, Trieste
1 bl, 5 bgs, Peek & Velsor, Trieste
16 bls, S B Penick & Co, Trieste
3 bls, J Fyfe, Vera Cruz
20 bls, S B Penick & Co, Antwerp
SABADELLA SEED—40 bgs, La Guaira
SARDINE MEAL—8,432 bgs, Japan
1,500 bgs, Japan
SARSAPARILLA ROOT—17 bls, J Garza, Tampico
SCHEELITE ORE—1,191 bgs, Philipp Bros, Arica
103 bgs, Buenos Aires
SEED, MED—8 bgs, Peek & Velsor, Trieste
6 bgs, R J Prentiss & Co, Trieste
SESAME SEED—50 bgs, Archibald & Kendall, Istanbul
240 bgs, Atako & Co, Shanghai
SHELLAC—1,100 bgs, E E Androvette, Calcutta
SILVER SULPHIDE—103 bgs, J Henry Schroeder Banking Corp, Antofagasta
SODA, HYDROCHLORATE—1 cs, Chile Exploitation Co, Antofagasta
SPONGES—16 bls, Gulf & West Indies Co, Havana
7 bls, New York & Cuba Mail S S Co, Havana
87 bls, Havana
5 bls, Gulf & West Indies Co, Havana
150 bls, Havana
REFUSE—1 bl, Gulf & West Indies Co, Havana
16 bls, Havana
2 bls, Gulf & West Indies Co, Havana
SQUILL—100 cs, Villar & Osoria, Lisbon
100 cs, P Uname, Lisbon
STORAX—49 cs, Dodge & Olcott Co, Istanbul
TALC—5,376 bgs, Whittaker, Clark & Daniels, Dairen
TANTALITE ORE—37 bgs, Isthmian S S Co, Singapore
TARTAR—220 bgs, Charles Pfizer & Co, Lisbon
1,135 bgs, Standard Brands, Casablanca
TIN BARRILLA—317 bgs, W R Grace & Co, Mollendo
ORE—611 bgs, Tampico
TITANIUM ORE—1 bg, Brazilian Minerals & Tinders Corp, Port Spain
TOLU BALSAM—33 cs, S Grazi, Barranquilla
TUBA ROOT—98 bls, Dodwell & Co, Singapore
TUNGSTEN—5 bgs, United Fruit Co, Havana
TURMERIC—1 bg, Titan Shipping Co, Port Prince
VANADIUM—2,664 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—14 cs, Thurston & Braidich, Vera Cruz
12 cs, Dodge & Olcott Co, Vera Cruz
40 cs, Kerr Maurer, Vera Cruz
20 cs, Roseau
WAX—196 molds, Lisbon
BAYBERRY—60 bgs, D Steengrafe, Buenaventura
BEES—48 bls, Wessel, Duval & Co, Lisbon
85 bls, Lisbon
55 bgs, J Garza, Tampico
100 bgs, W R Grace & Co, Valparaiso
80 bgs, Santos
31 bgs, Lopez, Serrano & Co, Havana
20 seroons, Porcella, Vicini & Co, Puerto Plata
CANDELILLA—572 bgs, M Argueso & Co, Tampico
CARNAUBA—325 bgs, Wm M Allison & Co, Bahia
OZOKERITE, REFD—100 bgs, J P Morgan & Co, Trieste
WINE, LEES—1,716 bgs, Standard Brands, Lisbon
WOLFRAM ORE—100 bgs, 9 bbls, American Export Line, Lisbon
55 bgs, Chase Natl Bank, Lisbon
100 bgs, Lisbon
500 bgs, Watson, Geach & Co, Antofagasta
198 bgs, Chase Natl Bank, Buenos Aires
451 bgs, Buenos Aires
ZINC OXIDE—13 cs, Talens & Son, Rotterdam

New York Transit Imports

BAUXITE ORE—3,000 tons, Port Spain, Claymont, Del
CHROME ORE—1,500 tons, Bank of Athen, Aghia Marina, South Chester
COCONUT, DESIC—50 cs, Volkart Bros, Colombo, Halifax
CORK—10 bls, Pleasant Valley Wine Co, Seville, Rheins, N Y
FLOATS—40 bgs, Jacksonville Fishermans Supply Co, Seville, Jacksonville
SEINES—30 bgs, Mundet Cork Corp, Lisbon, Seattle
CUMIN SEED—250 bgs, American Hawaiian S S Co, Casablanca, San Francisco
OIL, CODLIVER—250 dms, C L Huisking & Co, Norway, New Orleans
PAPRIKA—20 bgs, W Clark, Trieste, Montreal
20 bgs, Trieste, Montreal
15 bgs, Main Importing Co, Trieste, Montreal
35 bgs, Weidemann & Co, Trieste, Cleveland
300 bgs, Warfield & Co, Trieste, Chicago
15 bgs, W Edwards Food Co, Trieste, Cleveland
15 bgs, Canadian Packers, Ltd, Trieste, Toronto
10 bgs, Al Hahamovitch, Trieste, Montreal
25 bgs, Van Roog Coffee Co, Trieste, Cleveland
VANILLA BEANS—34 cs, Zink & Triest, Vera Cruz, Philadelphia
30 cs, M Cortizas & Co, Vera Cruz, Philadelphia

Baltimore Imports

BLOOD, DRD—964 bgs, Buenos Aires
BONES—2,047 bgs, Buenos Aires
1,105 bgs, Buenos Aires
BONEMEAL—1,000 bgs, Buenos Aires
FISHMEAL—1,000 bgs, Buenos Aires
IRON ORE—6,082 tons, Leo J. Buck, Inc, Narvik
21,800 tons, Bethlehem Steel Co, Cruz Grande
10,500 tons, Bethlehem Steel Co., Daiquiri
21,600 tons, Bethlehem Steel Co., Cruz Grande
MANGANESE ORE—2,400 tons, Rio Janeiro
6,580 tons, Bethlehem Steel Co., Poti
2,300 tons, Santiago
MANGROVE BARK—1,452 bgs, Order, Robin Gray, Kilwa
MEAKIN MEAL—6,568 bgs, Order, Kiyosumi Maru, Seisin
OIL, OLIVE—150 cs, Leghorn
PETROLEUM, CRUDE—67,600 bbls, Pan American Ref Corp, Las Piedras
QUEBRACHO EXTRACT—500 bgs, Buenos Aires
3,300 bgs, Buenos Aires
SARDINE MEAL—2,500 bgs, Seisin
SIENNA—50 double bgs, Order, Exilona, Leghorn
TANKAGE—500 bgs, Order, Mormacdove, Buenos Aires
3,790 bgs, Order, Montevideo, Buenos Aires
WAX BEES—88 bgs, Rio Janeiro

Boston Imports

COCOA BEANS—150 bgs, Para
250 bgs, General Cocoa Co, Guayaquil
250 bgs, Guayaquil
FISHMEAL—4,000 bgs, Mitsubishi Shoji Kaisha, Yokohama
OIL, COCONUT—300 tons, Philippine Refg Corp, Manila
CODLIVER—250 dms, C L Huisking & Co, Norway
CODLIVER, MED—350 dms, United Drug Co, Norway

Los Angeles Imports

AGAR—530 lbs, Kobe
50 lbs, Kobe
AMMONIA, NITRATE MIXT—15,680 lbs. Oslo
PHOSPHATE—497,280 lbs, Trail
SULPHATE—123,200 lbs, Trail
CALCIUM NITRATE—11,200 lbs, Oslo
CASTOR BEANS—49,740 lbs, Managua
CHILLIES—20,000 lbs, Kobe
COCONUT, DESIC—145,080 lbs, Manila
COCONUTS—2,380 lbs, Corinto
COPRA, MEAL—4,500 bgs, 450,000 lbs, Manila
17,000 bgs, 1,700,000 lbs, Manila
1,500 bgs, 150,000 lbs, Phil Islands
ERGOSTEROL—20 lbs, Budapest
FISH LIVERS—78 tins, 3,120 lbs, Japan
450 tins, 18,000 lbs, Kobe
250 tins, 10,000 lbs, Kobe
293 tins, 11,720 lbs, Yokohama
FLINT STONES—590 lbs, Yokohama
GUM, DAMMAR—6,720 lbs, Singapore

GLASS, WINDOW—30 pkgs, 1,710 lbs, Charleroi, Belgium
GYPSUM ROCK—8,715,840 lbs, Mexico
OIL, CASTOR—In our March 18 issue an item of 28,630 lbs, from Managua was in error and should have read Castor Beans
CHINAWOOD—25 dms, 11,780 lbs, Hongkong
PAINT—7,970 lbs, Oslo
POTASH CHLORATE—44,800 lbs, Geneva
QUEBRACHO EXTRACT—107,430 lbs, Asuncion
91,010 lbs, Buenos Aires
SOAP, LIQ—1,100 lbs, Oslo
SODA, CAUSTIC—240 lbs, Oslo
CHLORATE—100,000 lbs, Paris
SOYBEANS—300 lbs, Yokohama
SPICE, CRUDE—4,410 lbs, La Paz
STARCH—240 lbs, Yokohama
WAX, CARNAUBA—2,000 lbs, Forteleza

New Orleans Imports

CHEMICALS—100 ctns, New York
COCOA—5 ctns, Puerto Limon
GUM, CHICLE—8 bls, Puerto Barrios
CHICLE, CRUDE—140 bls, Belize
PAINT, ENAMEL—9 ctns, New York
PREPARED—97 ctns, 60 cs, New York
SPONGES—80 bls, Havana

Norfolk Imports

MANGANESE ORE—1,500 tons, Philadelphia Natl Bank, Durban
QUEBRACHO EXTRACT—5,800 bgs, International Product Corp, Buenos Aires

Philadelphia Imports

BONEMEAL—1,000 bgs, Buenos Aires
CINCHONA BARK—600 bls, Merck & Co, Palembang
178 bls, Merck & Co, Tandjong-Priok
CHROME ORE—5,992 tons, E J Lavino & Co, Pastelillo
7,000 tons, E J Lavino & Co, Masinloc
8,800 tons, E J Lavino & Co, Takoradi
COCOA BEANS—250 bgs, Victoria
14,400 bgs, Standard Bank of South Africa, Accra
1,600 bgs, Banque Canadienne Nationale, Accra
7,375 bgs, Barclays Bank, Accra
800 bgs, Standard Bank of South Africa, Winnebah
1,205 bgs, Winnebah
400 bgs, W R Grace & Co, Takoradi
23,200 bgs, Standard Bank of South Africa, Takoradi
2,620 bgs, Barclays Bank, Takoradi
CORK—18,738 bales, Armstrong Cork Co, Seville
WASTE—2,906 tons, Bone
CASEIN, GRD—680 bgs, Buenos Aires
CHALK—2,770 tons, London
FISHMEAL—969 bgs, Buenos Aires
FLAXSEED—5,000 tons, Diamante
2,000 tons, Buenos Aires
MACE—15 cs, Sourabaya
MOLASSES—1,264,029 gls, Publicker Alcohol Co, Pastelillo
1,431,264 gls, Matanzas and Caibarien
MANGANESE ORE—554,686 kilos, Tjilatjap
NUTMEGS—24 bgs, Macassar
OIL, OLIVE—100 cs, Vincent Marano, Leghorn
100 cs, Cacciola Brothers, Leghorn
15 cs, Leghorn
150 cs, G Sabelli, Leghorn
100 cs, Liberty Title & Trust Co, Genoa
PALM—473 tons, Stein Hall & Co, Belawan
PETROLEUM, CRUDE—79,507 bbls, Gulf Oil Corp, Puerto la Cruz
97,044 bbls, Gulf Oil Corp, Las Piedras
87,413 bbls, Gulf Oil Corp., Las Piedras
30,018 bbls, Gulf Oil Corp, Puerto la Cruz
PYRITES ORE—5,089 tons, Pyrites Company, Inc, Huelva
QUEBRACHO EXTRACT—2,170 bgs, Tannin Corp, Buenos Aires
SHELLAC—1,500 bgs, Calcutta
TAPIOCA FLOUR—5,968 bgs, National City Bank, Sourabaya
WAX, CARNAUBA—125 bgs, Guaranty Trust Co, Para

Exports from U.S. Ports

Baltimore Exports

ACETONE—78,540 lbs, Shanghai; 744 lbs, Hongkong
ALCOHOL, BUTYL—744 lbs, Hongkong
AMMONIA BICARBONATE—41,000 lbs, Manila
BUTYL ACETATE—1,604 lbs, Hongkong
ETHYL ACETATE—1,588 lbs, Hongkong
FROTHER—13,000 lbs, Kobe
INSECTICIDE—440 lbs, Manila
NICKEL SULPHATE—5,000 lbs, Kobe
POLISH—3,796 lbs, Manila
SODA, CAUSTIC—110,600 lbs, Santos; 526,450 lbs, Manila

Los Angeles Exports

ACETONE—62 dms, 22,280 lbs, Rio Janeiro; 106 dms, 37,950 lbs, Buenos Aires; 700 dms, 233,100 lbs, Liverpool
ACETYLENE—1 cyl, 170 lbs, Santa Rosalia
ACID, BORIC—40 kgs, 4,480 lbs, Colombo; 1,500 pkgs, 179,200 lbs, London
CITRIC—960 lbs, San Fernando; 1,120 lbs, Port Spain
CRESYLIC—540 lbs, Rio Janeiro; 3,580 lbs, Amapala
ALCOHOL, DIACETONE—87 dms, 35,330 lbs, London
BLEACHING LIQUID—16 cyls, 2,400 lbs, Corinto
POWDER—1,670 lbs, Balboa
BORAX—1,200 bgs, 134,400 lbs, Stockholm; 1,784 bgs, 199,810 lbs; Gothenburg; 492 bgs, 55,100 lbs, Malmo; 80 kgs, 8,960 lbs, Colombo; 70 bgs, 7,840 lbs, Bombay; 400 pkgs, 44,800 lbs, Karachi; 2,400 bgs, 268,800 lbs, London; 60 bgs, 6,000 lbs, Manila; 30 sks, 3,000 lbs, Amapala
BUTANE—38 tanks, 136,590 lbs, Ria Janeiro
CALCIUM CARBIDE—110 lbs, Amapala
CARBON RESIDUE—320,990 lbs, London
CEMENT, REFRACTORY—300 lbs, Amapala
RUBBER—20 lbs, Sao Paulo
CHEMICALS—1,000 lbs, Manila
CINNAMON—1,500 lbs, Quito
CLAY—1,200 sks, Port Spain
FILTER—600 sks, 29,120 lbs, Lima
GROUND—2,230 sks, 156,280 lbs, Balik Papan; 330 bgs, 33,000 lbs, Tandjong Balei; 110 bgs, 11,000 lbs, Sourabaya
CLEANER—2,620 lbs, Hongkong; 2,240 lbs, Manila
COALTAR—2,750 lbs, La Paz
COPPER SULPHATE—2,200 lbs, Buenaventura; 2,700 lbs, La Libertad
COPRA—920 bgs, 100,000 lbs, Puntarenas
COTTONSEED—6,060 lbs, La Union
DIATOMACEOUS EARTH—224 bgs, 22,400 lbs, Bombay; 500 bgs, 50,000 lbs, Iloilo
EPSOM SALT—20,000 lbs, La Paz
ETHYL KETONE—400 dms, 139,200 lbs, London
FILM SCRAP—4,270 lbs, Rio Janeiro
FILTERING AGENT—20 bgs, 2,000 lbs, Manila
GASOLINE—5,000 cs, Santa Rosalia; 150 dms, Tegucigalpa
GLASS, WINDOW—2,900 lbs, Coco Solo
GREASE, CUP—1 dm, 450 lbs, Santa Rosalia
GYPSUM—16,020 lbs, Manila
KEROSENE—1,500 cs, 100 dms, Manila; 4,000 cs, Panang
LACQUER—4,940 lbs, Rio Janeiro; 7,120 lbs, Sao Paulo
THINNER—880 lbs, Sao Paulo
LARD SUBSTITUTE—150 lbs, Yokahama; 3,500 lbs, Puntarenas
LIME, HYDRATED—12,000 lbs, Cristobal
MOLYBDENITE—1,050 lbs, Stockholm
OIL, COCONUT—10,000 lbs, Corinto
COTTONSEED—1,930 lbs, Manila; 140 lbs, Yokahama
DIESEL—73,373 bbls, Yokahama; 36,843 bbls, Takao; 24,718 bbls, Keelung; 3,566 bbls, Manila; 4 dms, Santa Rosalia; 353 bbls, Santa Rosalia; 1,361 bbls, Porto Armuelles
FISH, HYDROG—50,000 lbs, Manila
FUEL—20,000 bbls, Vancouver; 24,670 bbls, Santa Rosalia 6,060 bbls, Takao; 3,628 bbls, Manila
GRAPEFRUIT—4,260 lbs, London
LINSEED—410 lbs, La Paz
LUBRICATING—50 dms, Karachi; 10 dms, Hongkong; 34 dms, Manila; 45 pkgs, Manila; 1 dm, Mexicali; 1 dm, Santa Rosalia; 10 dms, La Paz
ORANGE—7 lbs, Port Spain
VEGETABLE, FLAKE—100,080 lbs, Manila
OXYGEN—1 cyl, 180 lbs, Santa Rosalia
PAINT—3,830 lbs, Palembang; 3,120 lbs, Rio Janeiro
LIQUID—80 lbs, Santa Rosalia
REMOVER—200 lbs, Rio Janeiro
PECTIN, CITROUS—800 lbs, Stockholm, 16,000 lbs, London
PETROLEUM, CRUDE—50,000 bbls, Ioco; 87,652 bbls, Amagasaki
GAS, LIQ—3,380 lbs, Bombay
PIMENTO SEED—20 lbs, Yokohama
POLISH—160 lbs, Rio Janeiro; 40 lbs, Sao Paulo; 2,000 lbs, Hongkong
POTASH AMYLXANTHATE—1,250 lbs, Amapala
BICHROMATE—3,640 lbs, Sourabaya
PUTTY—340 lbs, Coco Solo
SODA ASH—455,760 lbs, Gothenburg; 2,000 lbs, Balboa
BICARBONATE—11,000 lbs, Guayaquil
CAUSTIC—510 lbs, Manila
COMPOUND—9,500 lbs, Manzanillo
HYDROSULPHITE—2,130 lbs, Sourabaya
SILICATE—30,970 lbs, Manila
SULPHUR—70,000 lbs, San Jose; 11,000 lbs, Buenaventura
TANNERS' ALKALI—7,500 lbs, La Paz
TANNING MATERIAL—4,590 lbs, Manzanillo
TOILET PREPS—50 lbs, Fort Clayton; 250 lbs, Aruba; 730 lbs, Shanghai; 940 lbs, Manila; 90 lbs, Quito
WAX, STEARIN—150,000 lbs, Manila
WATER, SOLUBLE—2,000 lbs, London

New Orleans Exports

ASPHALT—20 tons, Vera Cruz
CALCIUM ARSENATE—13 tons, Cristobal
FIRECLAY—10 tons, Cristobal
KEROSENE—36 tons, Bluefields
LARD—78 tons, Barranquilla; 24 tons, Cartagena; 47 tons, Cristobal; 15 tons, Havana; 57 tons, Puerto Limon; 77 tons, West Coast, South America
OIL, DIESEL—11 tons, Ceiba
FUEL—204 tons, Ceiba
FUEL, BUNKER—129 tons, Quepos; 14 tons, Bluefields
PARAFFIN—56 tons, West Coast, South America
ROSIN—12 tons, Cartagena; 20 tons, Panama City
SALT—18 tons, Bluefields
SODA, CAUSTIC—71 tons, Vera Cruz; 35 tons, Tampico
SULPHUR—34 tons, Tampico
WAX—166 tons, Vera Cruz; 28 tons, Tampico

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York
Week Ended March 20

Cassia oil, 46 drums; not USP.
Cocoa beans, 250 bags; moldy.
Cod oil, 90 barrels; restricted use.
Cumin seed, 80 bags; filthy.
Medicinal preparations, 1 parcel; false therapeutic claims.
Medicinal preparations, 1 parcel; new drug; false therapeutic claims.
Medicinal preparations, 1 parcel; false therapeutic claims; not properly labeled.
Nutmegs, distilling, 747 bags; restricted use.
Sandalwood chips, 32 bags; not National Formularly.
Stramonium, 13 bags; not USP.
Medicinal preparations, 1 parcel; false therapeutic claims.

Baltimore
Week Ended March 20

Cosmetics, 1 parcel; not properly labeled; dangerous to health.

Boston
Week Ended March 20

Cocoa beans, 250 bags; water damaged.
Medicinal preparations, 3 parcels; dangerous drug.
Medicinal preparations, 1 parcel; false therapeutic claims.

Denver
Week Ended March 14

Medicinal, unknown; false therapeutic claims; new drug.
Medicinal, 12 pieces; false therapeutic claims.

Los Angeles
Week Ended March 14

Medicinal, 24 pieces; false therapeutic claims.

Philadelphia
Week Ended March 20

Medicinal preparations, 2 parcels; false therapeutic claims.

Seattle
Week Ended March 14

Pepper, 225 bags; decomposed (moldy).
Teaseed oil, 6 cans; false and misleading claims; mandatory labeling omitted.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Chemicals:—Alexandria, Egypt; purchase (6609).
Chemicals:—Brussels, Belgium; purchase (6669).
Chemicals:—Cairo, Egypt; purchase and agency (6656).
Chemicals, photographic: — Singapore Straits Settlements; purchase (6626).
Citric acid:—Cairo, Egypt; agency (6657).
Dyes: — Alexandria, Egypt; agency (6633).
Dyestuffs:—Alexandria, Egypt; agency (6658).
Inks, printing:—Rio de Janeiro, Brazil; purchase and agency (6606).
Olein, distillate:—Rotterdam, Netherlands; agency (6627).
Pharmaceuticals:—Cairo, Egypt; agency (6656).
Paints:—Rio de Janeiro, Brazil; agency (6607).
Pyroxylins:—Alza, Spain; purchase (6667).
Resins:—Toronto, Canada; purchase (6619).
Rosin:—Porto Alegre, Brazil; agency (6616).
Turpentine:—Singapore, Straits Settlements; purchase (6610).

Sod Oil Duty Fixed

OPD Washington Bureau
March 21, 1940

Sod oil is subject to the import tax imposed on fish oils if it is composed of 10 percent or more of any fish oil except cod oil, codliver oil, or halibutliver oil, the Bureau of Customs has ruled. Sod oil may be composed of fish or other oils; it is the oil used in processing chamois leather after it has been reclaimed and reprocessed. An earlier customs ruling stated that sod oil was not fish oil, but on examination of evidence that sod oil may be composed in whole or in part of fish oil it was ruled that it is subject to the excise tax on imported fish oils if consisting of 10 percent or more of taxable fish oils. The fish-liver oils are not taxable.

Shipment Anchorage Described

The use of Signode anchorage strapping for securely fastening carload and less-than-carload shipments of materials in bags, barrels, boxes, and other small containers is said to be increasingly rapidly. A pronounced saving in cost is said to be derived from this new method of anchoring because of its low initial cost of materials, its saving of time in installation, and its practically overcoming damaged shipments through shifting of the load during transit. An attractive booklet entitled "Signode for Car Loading" completely describing this anchorage method may be obtained from the Signode Steel Strapping Company, 2641 N. Western avenue, Chicago, mentioning the REPORTER.

Current Market Quotations

—Continued from page 21

Zinc Oxide—Zirconium

Zinc oxide, French process, com'l, lead free, bgs., c.l., dlvd..lb.	.06¼-	.07¼
l.c.l., dlvd., except Pac. cst..lb.	.06½-	.07¾
ex whse., Pac. cst.lb.	.06½-	.07¾
bbls., c.l., dlvd.....lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	.08
ex whse, Pac. cst., lb.,	.06¾-	.08
green seal, bgs., c.l., dlvd. lb.	.08 -	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst.lb.	.08¼-	—
bbls., c.l., dlvd.....lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08½-	—
ex whse., Pac. cst.lb.	.08½-	—
red seal, bgs., c.l., dlvd..lb.	.07½-	—
l.c.l., dlvd., except Pac. cst..lb.	.07¾-	—
ex whse., Pac. cst..lb.	.07¾-	—
bbls., c.l., dlvd.....lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.08 -	—
ex whse., Pac. cst..lb.	.08 -	—
white seal, bgs., c.l., dlvd. lb.	.08½-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	—
ex whse., Pac. cst..lb.	.08¾-	—
bbls., c.l., dlvd.....lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09 -	—
ex whse., Pac. cst..lb.	.09 -	—
imported, gold seal, cks., ex whse..lb.	.13 -	.14
green seal, bbls., ex whse., lb.	.10 -	—
white seal, cks., ex whse., lb.	.11 -	.12½
USP, bbls., c.l.....lb.	.09½-	—
Palmitate, bbls.....lb.	.24½-	.27½
Resinate, fused, pale, bbls..lb.	.10 -	—
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.23 -	—
l.c.l., 1 ton.....lb.	.24 -	—
1,000-2,000 lbs.....lb.	.25 -	—
less than 1,000 lbs...lb.	.26 -	—
USP, bbls.....lb.	.24 -	.26
Sulphate, cryst., bgs., c.l.100 lbs.	2.75 -	—
l.c.l. .....100 lbs.	3.50 -	—
bbls., c.l.....100 lbs.	2.90 -	—
l.c.l. .....100 lbs.	3.65 -	—
flake, bgs., c.l.....100 lbs.	3.10 -	—
l.c.l. .....100 lbs.	3.85 -	—
bbls., c.l.....100 lbs.	3.25 -	—
l.c.l. .....100 lbs.	4.00 -	—
powd., bgs., c.l.....100 lbs.	4.35 -	—
l.c.l. .....100 lbs.	5.10 -	—
bbls., c.l.....100 lbs.	4.50 -	—
l.c.l. .....100 lbs.	5.25 -	—
Sulphide, bgs., c.l., (20 tons), dlvd..lb.	.07½-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.07¾-	—
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd.....lb.	.07¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08 -	—
barium, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd. E. or ex whse. Pac. Cst..lb.	.05¼-	—
calcium, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd. E. or ex whse. Pac. Cst..lb.	.05¼-	—
magnesium, pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd. E. or ex whse. Pac. Cst..lb.	.05½-	—
Sulphocarbolate, NF, bbls....lb.	.24 -	.28
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 -	—
l.c.l., works.....100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex whse., Pac. cst..lb.	.05½-	—
Zirconium nitrate, kgs., works.lb.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00 -	100.00
white, 98%, grd., kgs., works, lb.	1.80 -	2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the March 4 issue; the next printing will be in the April 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 31.

CLEANING MILLING
GUMS, DRUGS
FOOD PRODUCTS
To
Your Specifications
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N. J.

Business Wants and Offers

Minimum rate (up to 36 words), without display, $2.00 per insertion; 25c for each additional 6 words
Payable in advance at 59 John Street, New York

Equipment Offered

FOR SALE:—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FIND what you want right in New York City. Pony mixer, post mixers. Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Company, 123 Bleecker street, SPring 7-8955.

PEBBLE MILLS, 36 by 42 inches, 30 by 30 inches, 6 by 8 feet silex lined; jar mills, 1 gal., 4 gal.; 15-gal. pony mixer. Lawler Engineering Co., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Wanted

WANTED—For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. BOX 765, Oil, Paint and Drug Reporter.

Factories Offered

MODERN FACTORY, one-story, 60 by 200 feet, windows on four sides, railroad siding, loading platform, office, yard. Unrestricted district Long Island City. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Materials Offered

BISMUTH, CADMIUM; potassium iodide; corrosive sublimate. Substantial quantities and savings. BOX 786, Oil, Paint and Drug Reporter.

Materials Wanted

MANUFACTURERS who have by-products at present going to waste can find a market for same if they will communicate with reliable concern that is experienced in such problems. BOX 764, Oil, Paint and Drug Reporter.

WANTED: 1,000-pound lots of red magnetic oxide of iron 99.5 percent Fe_2O_3, all passing No. 325 mesh. Four-ounce samples requested. BOX 783, Oil, Paint and Drug Reporter.

Positions Vacant

WELL ESTABLISHED, growing paint and varnish manufacturer, excellently situated east coast Florida has opening for experienced salesman, preferably 35-45 years of age, with executive possibilities, who has good personality and possesses modern business methods. Splendid opportunity for the applicant who is thoroughly acquainted with the marketing of a complete line of industrial paints, shelf goods. Though not essential, would consider investment of capital for part interest in business to applicant having proper qualifications. Applications will be kept in strictest confidence. BOX 785, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED—An AAA-1 experienced color salesman. Straight salary, commensurate with ability of candidate, with excellent opportunity for advancement. Please do not answer unless you have a broad knowledge of and ability to sell this product, are willing to headquarter where necessary, and willing to travel wherever required. Answer in own handwriting, giving age, experience, knowledge of line and recent earnings, it being assumed in event of interview you will be able to furnish ample character and ability references. BOX 777, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST, graduate eastern university, many years with large corporation, analytical research work, managing, purchasing experience, seeks position as chemist or sales work; best references; moderate salary. BOX 776, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, executive plant work, industrial research and production position. Productive industrial experience directing research operations, heavy chemicals, white pigments, smelting, development synthetic organic chemicals, oil refining, dry colors. Experience broad enough to produce the perspective for practical plant research. Excellent references. BOX 779, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Services Wanted

SYNTHETIC PLASTICS and resins commercially developed by research chemist with fifteen years' experience in production and application and a record of achievement. Ph.D. BOX 784, Oil, Paint and Drug Reporter.

Surplus Stock

HIGHER MARKETS—Sell now. Wanted—surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WILL BUY—Your surplus or off-grade chemicals, oils, waxes, pharmaceuticals, gums, by-products, residues. For quick action phone Mr. Gelb, WAlker 5-4250. Barclay Chemical Company, Inc., 75 Varick street, New York.

CHECK INVENTORIES! We purchase any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

SURPLUS and off-grade stocks, by-products, residues, wastes of every description. Send offers to Cascio Trading Company, 15 Park Row, New York, N. Y., WOrth 2-3933.

Varnish Fires

COMPLETE oil-burning systems, specially adapted for varnish fires, tangential or central fired settings with "Carbofrax" domes or diffuser rings and pedestals carried in stock. Many years' experience in these installations. Otto Penzenstadler, BOX 48, Ridgewood Station, Brooklyn, N. Y.

LIQUIDATING

1,000,000 Barrel Cement Plant, CASTALIA PORTLAND CEMENT CO., Castalia, Ohio

2—8 ft. x 125 ft.; 5—6 ft. x 120 ft.; 5—6 ft. x 60 ft. Rotary Kilns.
1—4 ft. 6 in. x 50 ft. Direct Heat Rotary Dryer, double shell; 1—4 ft. x 60 ft.
3—5 ft. x 12 ft. Bonnot Ball Mills, each with 150 H.P. motor.
6—5 ft. x 20 ft., 5 ft. x 22 ft. Tube Mills, 150 H.P. slip ring motor; 6—5 ft. x 27 ft., silex lined, 250 H.P. slip ring motors.
1—8 ft. x 30 in. Hardinge Conical Ball Mill, iron lined, 175 H.P. slip ring motor.

Send for Illustrated Bulletin describing Hammer Mills, 12 ft. Grinding Pan, 2—¾ yd. Erie Steam Shovels, 6 ft. x 5 ft. Hummer Screens, 5-ton Traveling Crane, 20-ton Browning Loco. Crane, 400 Dump Cars, 4—18-ton Locomotives, Screw Conveyor, Machine Shop, Bucket Elevators, 4300 H.P. in Motors all 3/60/440 Volt, 40 lb. and 60 lb. Rail, Steel Buildings, Pumps, Tanks, Pipe, etc.

Representative on Premises

Very modern plant of AMERICAN SOYA PRODUCTS CO., Evansville, Indiana.
Plant installed less than 8 years ago.

Send for illustrated bulletin listing Proctor & Schwartz 3-conveyor Apron Dryers, Buffalo 5 ft. by 20 ft. Rotary Vacuum Dryers, Elliott steam Ejector Units, Buffalo 4 ft. by 31 ft. steel Fractionating Column, Koch Soya Bean Steamer, Raymond No. 40 Imp Mill with 50 H.P. motor, Raymond 6 ft. Separator, Milling Equipment, Tanks, Pumps, Screw Conveyor, Bucket Elevators, Spare Parts, etc.
Arrange to Inspect

At our NEWARK SHOPS from recent purchases

2—Devine 5 ft. by 33 ft. Rotary Vacuum Dryers.
1—W.& P. Vacuum Mixer, 100 gal.; other W.& P.'s, 2 gal. to 2,650 gal.
7—3-roll Roller Mills, up to 16 by 40.
12—Vacuum Shelf Dryers, all sizes.
12—Ball Mills, 10 gal. to 500 gal.
1—50 gal. Nickel Steam Jacketed Kettle.
2—Nickel Vacuum Stills, 300 gal. with motor driven agitators.
1—Proctor & Schwartz 3-truck Dryer, 720 sq. ft. heating surface.
1—Zaremba Triple effect Evaporator, 2,100 sq. ft. per effect.
1—Louisville 5 ft. by 20 ft. Steam Tube Dryer.
1—5 ft. by 22 in. Hardinge Conical Ball Mill.

Send for Latest Issue of Consolidated News

CONSOLIDATED PRODUCTS CO., Inc.
13-18 Park Row - - New York, N. Y.
SHOPS, 335 Doremus Avenue, Newark, N. J.

LIQUIDATING PAINT EQUIPMENT

AT LESS THAN AUCTION PRICES

READY FOR IMMEDIATE SHIPMENT

Portable Mixers, ¼ H. P. to 2 H. P. A. C. or D. C.
Kiefer Visco Fillers; other type fillers
Burt and Knapp Can Labellers
Ross 12 x 30 Water Cooled Roller Mills, B. D. or M. D.
Iron Mills, 4" to 18" Plain and Water Cooled Hoppers B. D. or M. D.
Ross 60 gal. Lead Mixers; Sheet Steel open top Mixing Tanks (150 to 1200 gal.)
Day Pony Mixers, 8 to 40 gal.; Ross 40 gal. Monmouth Pony Mixer, B. D.
Pumps, Rotary and Centrifugal; all metals; ½" to 3"
Copper, Gl. Lined and Steel Storage Tanks; 6 to 6000 gal.
Sperry, Johnson & Shriver Filter Presses; 12 x 12 to 36 x 36
Porcelain Jar and Pebble Mills 1 gal. to 800 gal.
Ross 50 gal. Mixing Tank with gear head Master Motor
Chaser Mills; 3 ft. and 5 ft.
Revolvator and Economy Lifts, hand and motor operated
Lift trucks, skids and factory handling equipment for immediate delivery.

FIRST MACHINERY CORPORATION
GUARANTEED EQUIPMENT — LIQUIDATORS APPRAISERS
EAST 9th STREET and EAST RIVER DRIVE — GRamercy 7-6620 Cable: "EFFEMCY" — NEW YORK, N. Y.
Send for Complete Descriptions and Quotations

Price-Fixing Ban Laid on Fruit Crates

—*Continued from page* 5

ing, monopolizing, or eliminating competition, and from doing any of the following acts pursuant thereto:—(1) Fixing and maintaining uniform prices, uniform discounts, or other terms and conditions of sale; (2) compiling, publishing, and distributing any uniform compilation of prices or other information to be used in connection with the fixing of prices, discounts, terms, and conditions of sale; (3) determining or establishing any system of zones throughout the United States in connection with their price-fixing activity; (4) adopting any joint or uniform price list or other device which fixes prices; (5) agreeing to curtail the production of veneer fruit and vegetable containers; and (6) preparing, publishing, and circulating lists of recognized jobbers and dealers for the purpose or with the effect of indicating that specified persons or concerns as jobbers or dealers are recognized as entitled to receive special jobber or dealer discounts, as the case may be, and that other persons or concerns are not so entitled.

Soya Products Co. Plant Liquidation Underway

Liquidation of the machinery and equipment of the American Soya Products Company, Evansville, Ind., which recently discontinued operations, has been started by the Consolidated Products Company, of this city. The American Soya Products plant was set up less than eight years ago, in 1932. Its equipment, it is pointed out, is of modern design and was maintained in excellent condition.

Included in the machinery available is not only soybean processing units, but also a wide variety of milling and general plant equipment. A leaflet completely describing the machinery may be obtained by addressing the Consolidated Products Company, 17 Park Row, New York, mentioning the REPORTER.

Dicalite Co. Shifts Personnel

The Dicalite Company, this city, has made the following personnel changes:—A. P. Fowler, jr., has been transferred from the research and control laboratory of the company to New Orleans, where he will be district manager; R. D. Kent, of the research and control laboratory department, has been assigned to covering the Northern New Jersey territory, with headquarters in New York, and H. J. Guzewicz, who formerly covered the Northern New Jersey territory, has been transferred to sales and service activities in Brooklyn.

Flavor-Color Rule Modified by F.D.A.

—*Continued from page* 3

drug, and cosmetic act. When the products involved are, in fact, fabricated foods which may be used by the housewife or in manufacturing by the simple addition of substances, such as water, to prepare the final product, we do not believe that simply because they contain sufficient color to color the final product they need to be certified. On the other hand, if the articles are sold primarily because of their ability to impart color, and the flavoring or other ingredient is added purely incidentally and, perhaps, in an attempt to remove it from classification as a color, we then believe that the mixture would need to be certified.

Texas Company, this city, has erected a new compressor house and cooling tower at its Monticello, Calif., plant, at a cost of $46,000.

Index to Advertisements

Advance Solvents & Chemical Corp.. 54
Agicide Labs., Inc.... —
Alexander, Jerome.... 48
Allied Asphalt & Mineral Corp.... 54
American Agricultural Chem. Co.... —
American - British Chem. Supplies, Inc. 30
American Can Co.... —
American Cyanamid & Chem. Corp.. —
American Flange & Mfg. Co., Inc.... —
American Potash & Chemical Corp... —
American Turpentine Farmers Assoc. Cooperative 30
Anderson Prichard Oil Corp.... —
Angus, W. W., Inc.... —
Apex Chemical Co., Inc.... —
Association of Consulting Chemists and Chemical Engineers, Inc.... 48
Atlantic Coast Fisheries Corp. of N. Y. 40
Atlantic Refining Co.... —
Ayrton Chemical Co.... 39

Baker, J. T., Chemical Co.... 1
Barium & Chemicals, Inc.... 26
Barium Reduction Corp.... 24
Barrett Company....28, 49
Benzol Products Co.... —
Binney & Smith Co.... —
Bradley, A. J., Mfg. Co.... 32
Brighton Copper Works.... —
Brill Equipment Corp.... —
Brode Corp., The.... 36
Brown, Leland, Laboratories.... 48
Bureau of Chemistry.... 48
Burke, Edw. S.... 40
Bush, W. J., & Co., Inc.... 45

Calco Chemical Div.... 33
Calif. Fruit Growers Exchange.... 54
Calvert, Robert.... 48
Carbide & Carbon Chemicals Corp.... —
Carey, The Philip, Co.... —
Carpinello, M. J., Co.... 48
Chaplain & Bibbo, Inc.... —
Chemical Solvents, C. P., Inc.... 54
Chilean Nitrate Sales Corp.... —
Church & Dwight Co.... 24
Climax Molybdenum Co.... —
Colgate-Palmolive-Peet Co.... 40
Colledge, E. W., General Sales Agent. —
Colton, Arthur, Co.... —
Columbia Alkali Corp.... —
Commercial Solvents Corp.... 1
Companhia Anilinas E Productos Chimicos Do Brasil.... 9
Conewango Refining Co.... —
Consolidated Products Co., Inc.... 52
Consumers Import Co., Inc.... 39
Continental Carbon Co.... —
Corn Products Refining Co.... —
Cowles Detergent Co.... —
Crown Can Co.... —
Cuban American Manganese Corp.... 26

Darling & Co.... —
Day Chemical Co.... 48
Dewey & Almy Chemical Co.... 32
Diamond Alkali Co.... 25
Dodge & Olcott Co.... 45
Doggett, Stanley, Inc.... —
Dorward & Sons Co.... —
Douglass Sulphur Co.... —
Dow Chemical Co.... —
Dunkel, Paul A., & Co., Inc.... —
DuPont de Nemours, E. I., & Co., Inc. 1
Durez Plastics & Chemicals, Inc.... —

Eastman Kodak Co.... 41
Ehrlich, J.... 48
Electrical Testing Laboratories.... 48
Electro Bleaching Gas Co.... —
Ellis-Foster Co.... 48
Emery Industries, Inc.... —

Felton Chemical Co., Inc.... 44
Fezandie & Sperrle.... —
First Machinery Corp.... 52
Food Research Laboratories, Inc.... 48
France, Campbell & Darling, Inc.... —
Frank-Vliet Co., Inc.... 43
Franks Chemical Products Co.... 32
Freeport Sulphur Co.... —
Fritzsche Bros., Inc....44, 47
Fulton Bag & Cotton Mills.... 26

General Chemical Co.... —
General Drug Co.... —
General Dyestuff Corp.... —
General Electric Co.... —
General Petroleum Corp.... 30
Gesell, R., Co., Inc.... 40
Givaudan-Delawanna, Inc.... 53
Glyco Products Co., Inc.... 37
Gray, William S., & Co.... 1
Gray Industrial Laboratories.... 48
Greeff, R.W., & Co.... 31
Gross, A., & Co.... 35
Gruman, J.B., Co.... 51

Hammond, W.A., Drierite Co.... —
Hardesty, W.C., Co., Inc.... 35
Harshaw Chemical Co.... —
Heekin Can Co.... —
Heyden Chemical Corp.... —
Hilton-Davis Chemical Co.... 32
Hochstadter Laboratories, Inc.... 48
Holt, C.J., & Co., Inc.... 48
Hooker Electrochemical Co.... —
Hopkins, J.L., & Co.... 43
Huisking, Chas. L., & Co., Inc.... —
Hutchinson, D.W., & Co., Inc.... 45

Imperial Oil & Gas Products Co.... —
Imperial Paper & Color Corp.... 33
Independent Mfg. Co.... 35
Industrial Consulting Labs., Inc.... 48
Innis, Speiden & Co.... —
International Pulp Co.... 32
International Selling Corp.... —
Irvington Smelting & Refining Works 24

Jungmann & Co., Inc.... 27

Kachurin Drug Co.... —
Kelco Co.... 43
Kentucky Color & Chemical Co.... 32
Knight, B.H.... 48
Koppers Co.... 29
Krebs Pigment & Color Corp.... —

Laning, E.M., Co.... 48
LaWall & Harrisson.... 48
Leghorn Trading Co.... 40
Lemke, B.L.... —
Leonhard, Theodor, Wax Co., Inc.... —
Luaces, E.L., & Associates.... 48
Luecders, George & Co.... —

Magnetic Pigment Co.... —
Magnus, Mabee & Reynard, Inc.... 45
Mallinckrodt Chemical Works.... —
Mantrose Corp.... 37
Mathieson Alkali Works, Inc.... —
Merck & Co., Inc.... 6
Metasap Chemical Co.... —
Meyer, Herman, Drug Co., Inc.... 40
Miel, George A.... 48
Mills, Zophar, Inc.... —
Minnesota Specialty Co., Inc.... —
Molnar Laboratories.... 48
Monsanto Chemical Co.... —
Munch, James C.... 48
Mutual Chemical Co. of America.... 27

National Aniline & Chemical Co., Inc. —
National Box & Lumber Co.... —
National Carbon Co., Inc.... —
National Lead Company.... 2
National Milk Sugar Co.... 40
National Rosin Oil & Size Co.... —
Natural Products Refining Co.... 27
Neuberg Chemical Corp.... 40
Neville Co.... —
New Jersey Zinc Co.... 34
Newport Industries, Inc.... 33
N.Y. Quinine & Chemical Works, Inc. —
Niacet Chemicals Corp.... 27
Niagara Alkali Co.... —

Oldbury Electro-Chemical Co.... —
Orbis Products Corp.... —
Orthmann Laboratories, Inc.... 48
Osborn, C.J., Co.... 32
Owens-Illinois Glass Co.... —

Pacific Coast Borax Co.... 1
Pacific Vegetable Oil Corp.... 36
Paramet Chemical Corp.... 31
Parsons, M.W.... 40
Paul, Edw. P., & Co., Inc.... 26
Penick, S.B., & Co.... 42
Pennsylvania Coal Products Co.... —
Pennsylvania Oil Products Refining Company 16
Pennsylvania Refining Co.... —
Petroleum Specialties, Inc.... 36
Pfaltz & Bauer, Inc.... —
Pfizer, Chas., & Co., Inc.... 23
Phelps Dodge Refining Co.... —
Philadelphia Quartz Co.... 26
Philipp Brothers, Inc.... 24
Polachek, Z. H.... 48
Potash Co. of America.... —
Pressed Steel Tank Co.... 53
Prior Chemical Corp.... 1
Procter & Gamble....35, 40
Publicker Commercial Alcohol Co.... —
Purdy, W.S., Co., Inc.... 48
Pure Calcium Products Division.... —

Raisch, John E., & Co.... 48
Reichhold Chemicals, Inc.... —
Reklamefondet for Norsk Medicintran 41
Republic Steel Corp.... —
Rheem Mfg. Co.... —
Rimberg, A. J., Co.... 36
Rosenthal, H. H., Co., Inc.... 54
Rufert Chemical Co.... 47

Sadtler, Samuel P., & Sons, Inc.... 48
St. Joseph Lead Co.... —
Schuylkill Chemical Co.... 41
Schwarz Laboratories, Inc.... 48
Seil, Putt & Rusby, Inc.... 48
Shell Oil Co.... —
Sherwood Petroleum Co., Inc.... 47
Skelly Oil Co.... —
Sloman, Ira I.... 48
Smith, Geo. B., Colors.... 32
Smith, Kline & French Labs.... 41
Snell, Foster D., Inc.... 48
Socony-Vacuum Oil Co., Inc.... 30
Solvay Sales Corp.... —
Sonneborn, L., Sons, Inc.... 54
Standard Brands, Inc.... 38
Standard Oil Co. of Calif.... 47
Standard Silicate Div.... —
Standard Ultramarine Co.... 32
Stauffer Chemical Co.... 11
Stillwell & Gladding.... 48
Stroock & Wittenberg Corp.... —
Sun Oil Co.... —

Taintor Trading Co., Inc.... —
Tamms Silica Co.... —
Tar & Chem. Division of Koppers Co. 29
Tennessee Corp.... —
Texas Gulf Sulphur Co., Inc.... 49
Thornton, The F. C., Co., Inc.... —
Thurston & Braidich.... 43
Titanium Pigment Corp.... —
Todd, A. M., & Co.... —
Tombarel Products Corp.... —
Turner, Joseph, & Co.... 24

Union Carbide & Carbon Corp.... —
U. S. Industrial Chemicals, Inc....17, 18
United States Potash Co.... —

Vanderbilt, R. T., Co., Inc.... —
Victor Chemical Works.... 26
Viking Distributing Co.... 41
Vitro Manufacturing Co.... 33
Vorce, L. D.... 48
Wah Chang Trading Corp.... 35
Warner Chemical Co.... —
Wecoline Products, Inc.... —
Weiss & Downs, Inc.... 48
White Tar Co. of N. J.... 29
Wiley & Co., Inc.... 48
Will & Baumer Candle Co., Inc.... —
Williams, C. K., & Co.... 32
Wishnick-Tumpeer, Inc.... —
Woburn Degreasing Co. of N. J.... —
Wolf, Jacques, & Co.... —
Wood Preserving Corp.... 29
Wood Ridge Div.... 40
Zophar, Mills, Inc.... —

ECONOMIES MULTIPLY—
WHEN HACKNEY CONTAINERS ARE USED

Hundreds of manufacturers depend on Hackney containers. Year after year they afford repeated economies. Longer life—easier, faster handling and greater protection of contents—all these advantages are gained when Hackney containers are used.

In the Hackney seamless bilged barrel, seams, cracks and crevices have been eliminated. The smooth, flawless interior enables easy and complete cleaning. In the locked position, the Toggle-tite closure securely holds the head air-tight, to the outward curled top edge, preventing leakage or the entrance of foreign matter. Yet, the head may be removed completely, with ease and speed. Strength has been added to the bilged sides of the barrel by the cold drawing process, minimizing the possibility of denting or damage, without increasing weight. Thus, you are assured real protection for your product.

Hackney engineers will be glad to cooperate with you in determining the most practical and economical container for your individual needs. There is no obligation. Write for complete information today.

Hackney MILWAUKEE

PRESSED STEEL TANK COMPANY

208 S. La Salle St., Rm. 1142, Chicago — 1319 Vanderbilt Concourse Bldg., N. Y.
1453 So. 66th Street, Milwaukee, Wis. — 662 Roosevelt Bldg., Los Angeles, Calif.

Containers for Gases, Liquids and Solids

VANILLIN "preferred"

Because of its purity, greater strength and "truer vanilla bean flavor and aroma" discriminating buyers still prefer

VANILLIN 100%—FROM EUGENOL

Manufactured by

GIVAUDAN

DELAWANNA, INC.

80 FIFTH AVENUE, NEW YORK, N. Y.

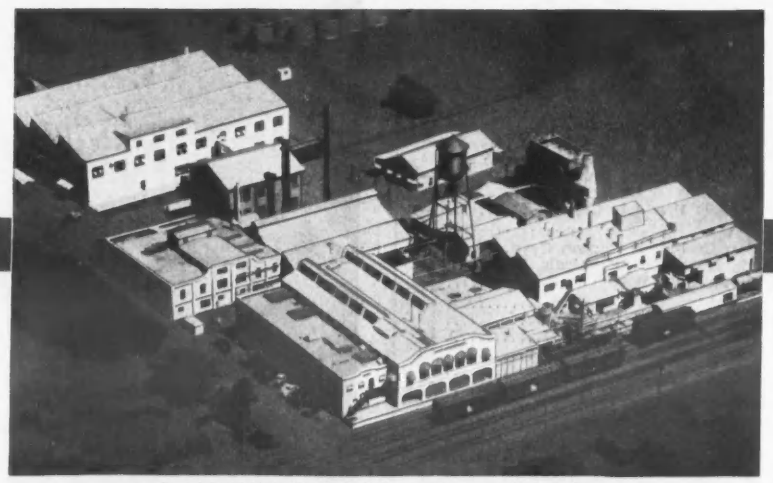
METHANOL (all grades) METHYL ACETONE
CHEMICAL SOLVENTS
Incorporated
11 Park Place Telephone BArclay 7-8615-6-7 New York

WHITE OIL and PETROLATUM
FOR ALL PHARMACEUTICAL, COSMETIC and INDUSTRIAL PURPOSES
L. SONNEBORN SONS, INC.
Refiners of White Oil and Petrolatum — Refineries: Petrolia and Franklin, Pa.
New York 88 Lexington Avenue
Los Angeles 215 West 5th Street
Chicago 400 West Madison Street
Southwestern Distributors: Sonneborn Bros., 2111 Taylor St., Dallas, Tex.

NATURAL ASPHALTS
BARBADOS • CUBAN • EGYPTIAN
MANJAK • GRAHAMITE • GILSONITE
ALLIED ASPHALT & MINERAL CORP.
217 BROADWAY, NEW YORK FACTORY: DUNELLEN, N. J.
Agents and Warehouse Stocks in Principal Centers

An American Contact
CHEMICALS DRUGS OILS WAXES
Our organization has broad purchasing and selling experience, expert knowledge of all products, enabling us to give foreign firms service facilities equivalent to their own American office.
Correspondence invited.
H. H. ROSENTHAL CO., Inc.
Cable Address "Rodrug" All Codes
25 East 26th Street, New York City

VISTANEX POLYBUTENE
NON-VULCANIZING
RUBBERY HYDROCARBON
A Product of Standard Oil Development Co.
SOLD EXCLUSIVELY BY
ADVANCE SOLVENTS & CHEMICAL CORPORATION
245 FIFTH AVENUE, NEW YORK, N. Y.

Exchange
CITRIC ACID U·S·P·
CRYSTALS • GRANULAR • POWDERED

MADE IN WORLD'S LARGEST LEMON PRODUCTS PLANT
BACKED BY THE SUNKIST GROUP OF 14,000 CITRUS GROWERS
Copyright, 1940, California Fruit Growers Exchange, Products Dept.
CALIFORNIA FRUIT GROWERS EXCHANGE, PRODUCTS DEPARTMENT
189 W. MADISON ST., CHICAGO ONTARIO, CALIFORNIA 99 HUDSON ST., NEW YORK
IMMEDIATE DELIVERY FROM WAREHOUSE IN NEW YORK, CHICAGO, PHILADELPHIA, SAN FRANCISCO

TER

eet,
y

GROUP
OWERS

ENT
YORK
ISCO